
Digitized by the Internet Archive
in 2016

https://archive.org/details/greenscene3016edpr

...LVANIA HORTICULTURAL SOCIETY FEBRUARY 2002 • $5.00

SPECIAL 2002
Philadelphia Flower
Show Issue

GREEN scene





Looking for creative & unique landscaping?









J. Franklin Styer Nurseries

1890

Go to the experts & see the difference!

LANDSCAPE & DESIGN SERVICES

Design • Installation • Maintenance • Residential • Commercial

Registered Landscape Architects & Designers

914 Baltimore Pike, Concordville, PA 19331

610.459.2400 • www.styers.com



Photo: Summer Container, Residential, Summer 2001.

FINE GARDEN CREATIONS, INC.

Landscape and Garden Design, Installations, and Tree Work

FINE GARDEN CREATIONS • 610-338-0630 • info@finegardencreations.com
www.finegardencreations.com

Cathedral Village

22 Years of Achievement

Committed to...

Resident Satisfaction...starting with our own dining program that offers flexibility, choices, and a distinctive presentation of meals prepared by our Executive Chef, a graduate of the Culinary Institute of America in New York.

Creativity...which is reflected in the vibrancy of our award-winning retirement community. The atmosphere at Cathedral Village is frequently compared to a vacation resort.

Innovation...which has resulted in our trend-setting Health Club and Fitness Program, our expansive Greenhouse and Horticultural Program, and much more.

Vision...an on-going process that anticipates changing trends in future residents' expectations and establishes tomorrow's new standards. Our vision has earned us certification as a Retirement Resort™, our reward for not accepting the norm.

Value...which has earned us a reputation of providing more types of care and services for your dollar than any other community. Compare and see what real value means!

Visit us Monday through Friday between 9 a.m. and 4 p.m.
Appointments are encouraged for weekdays and are necessary on weekends.

Cathedral Village

600 East Cathedral Road, Philadelphia, Pennsylvania 19128
(215) 984-8622 Website: www.cathedralvillage.com

A Nonprofit, Nondenominational CCRC

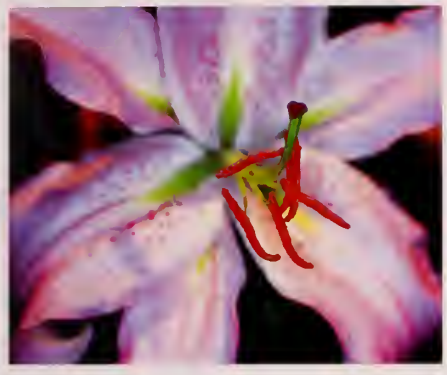
Equal Housing Opportunity

Certified Member The World's Finest Retirement Resorts™

Affiliated with the Jefferson Health System

Contents

FEATURES



11 2002 Philadelphia Flower Show Preview!

Join Dorothy Wright for a sneak peek at the 2002 Philadelphia Flower Show. This year's theme is "Pleasures of the Garden," and that is surely what you will find at the Pennsylvania Convention Center from March 3rd through 10th. Come see the magic!

18 The Alpine Master

For regional gardeners who are interested in alpine plants, the name Lee Raden is not an unfamiliar one. The rock-garden expert is known throughout the region for his displays at the Flower Show, as well as his extensive work with PHS and the North American Rock Garden Society. Here, Marban Sparkman gets Lee's educated views on the art of the alpines, as well as a glimpse of his distinctive plants and plantings.

28 A Knock-out Garden in Chestnut Hill

In keeping with the romantic theme of this year's Flower Show, here is a gem of a romantic garden in Philadelphia's Chestnut Hill section. Created by Pete Hedrick, this stunning design evokes old-world charm and grace. In words and pictures, Rob Cardillo gives us a tour of this one-of-a-kind garden.

36 A Tough, Native Orchid

Who says orchids are tropical lightweights? Janet Bly introduces us to *Spiranthes cernua* (syn. *odorata*), a hardy orchid that grows beautifully in our region. If you're looking for a subtle fall-bloomer, this might be the plant for you.

COLUMNS

40 Savoring Herbs: *Tussie Mussies*
by Alexandra Basinski

41 Organic Matters: *Beneficial Insects*
by Rob Cardillo

42 Beguiling Bulbs: *A Flurry of Snowdrops*
by Kathryn Andersen

46 Classified Ads

48 Backyard: *A Victorian Flower Show*
by Pete Prown

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

Cover Photo by Floyd Limbos

PRINTED ON RECYCLED PAPER

GREEN scene

Editor
Pete Prown

Associate Editor
Jane Carroll

Publications Assistant
Laurie Fitzpatrick

Art Design
Baxendells' Graphic

Publications Committee
Stephanie Cohen
Alan Detrick
Linda Detrick
Beverly Fitts
Anne Kellett, ex *officio*
Adam Levine
Jennifer Lin
Marby Sparkman
Bill Stieg
L. Wilbur Zimmerman

Printer
ALCOM Printing Group, Inc.

THE PENNSYLVANIA HORTICULTURAL SOCIETY

100 N. 20th St.
Philadelphia, PA 19103-1495
(215) 988-8800

Chair
Anne Kellett

President
Jane G. Pepper

Executive Vice President
J. Blaine Bonham, Jr.

PHS Membership Information
Linda Davis, (215) 988-8776

Display Ads
Kim Richards at Manzo Communications, (610) 527-7047 *kim4manzocomm@aol.com*

Classified Ads and Subscription Services
Laurie Fitzpatrick, (215) 988-8769
lfitzpat@pennhort.org

Ask A Gardener Phone Line
(215) 988-8777, Monday through Friday, 9:30 to 12 *[closed in December]*
askagardener@pennhort.org

Web Site
www.pennsylvaniahorticulturalsociety.org

GREEN SCENE (USPS 955580), Volume 30, No. 1, is published bi-monthly (February, April, June, August, October, December) by The Pennsylvania Horticultural Society, a non-profit member organization at 100 N. 20th St., Philadelphia, PA 19103-1495. Subscription: $16.95. Single Copy: $3.00 (plus $2.00 shipping). Second-class postage paid at Philadelphia, PA 19103. **POSTMASTER**: Send address change to GREEN SCENE, 100 N. 20th St., Philadelphia, PA 19103.

© Pennsylvania Horticultural Society, 2001

GREEN SCENE subscriptions are part of the membership benefits for:
Cox Arboretum, Dayton, Ohio
Frelinghuysen Arboretum, Morristown, NJ
Horticultural Society of Maryland, Baltimore
Horticultural Society of New York
Phipps Conservatory, Inc., Pittsburgh, PA
Staten Island Botanical Garden, Inc, New York



Effortless Pruning

As Featured at the Philadelphia Flower Show for More than 30 Years.



FLORIAN®
RATCHET-CUT® PRUNING TOOLS
www.floriantools.com
1-800-275-3618

Call for your FREE Florian catalog and check out our complete line of pruning systems

MADE IN USA

PHS 0201

Perennial Pleasures

A garden-inspired shop



THE FIVE SENSES

Furnishings and accessories for the inspired home & garden

Reproduction antique & contemporary garden ornaments & structures

Rich assortment of planters, pots and vases

Choice selection of hard-to-find plants

"Botanically correct" artificial stems, plants and trees

Wide range of gifts for all occasions

Join us for the April 2002 Grand Opening of our all new 1000 square foot Garden Courtyard

Voted Best of Main Line and Western Suburbs 2001 Best Garden Accent Shop
Main Line Today Magazine

312 Business Route 30 across from Exton Mall • Exton, PA 19341 • 610.594.6696 • Hours: Mon. - Sat. 10:00 am - 8:00 pm • Sun. Noon - 5:00 pm



175 Years of Tradition

When thinking of the Pennsylvania Horticultural Society, many words come to mind: community, friendship, and, of course, glorious gardens. Interwoven with this is another key word—*tradition.* It's hard to be a part of PHS and not be aware of the many traditions that shape everyday life here. This is even more relevant in 2002, the year of our 175th anniversary.

On November 24th, 1827, the Society's first meeting was held at the Franklin Institute, then located on 7th Street, between Market and Chestnut. There, it was resolved "to establish a Horticultural Society in the City of Philadelphia for the promotion of this interesting and highly influential branch of Science." At the time, the fledgling Society boasted 53 members. Today, PHS's membership is 12,000 strong and growing every day.

At this time in the calendar, the tradition looming in most of our minds is the Philadelphia Flower Show, which will run from March 3-10, 2002. The first exhibition in 1829 was held at Masonic Hall on Chestnut Street, where the Christmas favorite, the poinsettia, was introduced. But the event has grown dramatically over the decades, evolving into the grand Flower Show of today, now held at the Pennsylvania Convention Center and annually drawing 275,000 visitors over an eight-day period. For many of the faithful who return year after year, the Flower Show is *the* official beginning of gardening season. (And it's not just a ritual for visitors, either—the J. Franklin Styer Nurseries in Concordville, Pennsylvania has been exhibiting at the Show since the early 1890s!)

There are other traditions that are just as integral to the Society. Following its genesis in 1974, our Philadelphia Green program has become the nation's pre-eminent model for urban greening. From its simple beginnings in the city's community vegetable gardens, it has grown to be a major player in all realms of the urban landscape. Philly Green helps clean up neighborhood parks, turns vacant lots into open green space, and works to restore major public landscapes, such as Penn's Landing and the Philadelphia Museum of Art. Philadelphia Green itself is also a wealth of tradition—just think of the City Gardens Contest (started in 1975 and still thriving today) or the Kids Grow Expo, a wonderful gardening event for the city's children that is held each spring.

Perhaps our greatest tradition, however, is *volunteering.* If there is any single concept that gets to the core of the Society's mission, it is the act of getting together with other gardeners and "working the soil," whether it's planting fall bulbs in a Philadelphia neighborhood, taking a tour of other members' gardens, or joining other avid gardeners to help stage the Philadelphia Flower Show. When gardeners come together, great things happen, and fostering this fertile notion has been one of the greatest practices to emerge in our long history.

Throughout this year of celebration, we will highlight many of these fine traditions for our members and the public. You can help make PHS history too by joining the fun, whether it's volunteering at the Flower Show, attending a hands-on plant workshop, or entering your best garden veggies at the Philadelphia Harvest Show. These are but a few of the many ways to pitch in and get "behind the scenes" at PHS events, but getting involved is what it's all about. If you think about it, this is where many of our traditions begin.

Pete Brown

email: *greenscene@pennhort.org*

A Bounty of Bacopa



Top: Courtesy of Proven Winners. Bottom: Pete Prown.

Each year I make the rounds of the local garden centers, looking for new or unusual annuals. A few years ago I discovered bacopa, a relative newcomer that is both carefree and good-looking.

Many of the plants sold under the name "bacopa" are hybrids of *Sutera cordata*. However, some are members of the genus *Jamesbrittennia*. While also of garden merit, these are large, shrubby plants that prefer higher heat and humidity.

Bacopas in the *Sutera* genus are flat-growing, trailing plants with numerous small, five-petaled flowers held slightly above rounded, glossy leaves. Hardy in Zone 9, they grow as annuals for us and make excellent container plants or groundcovers. There are several patented varieties worth considering. One of the best known, 'Snowstorm' (pictured right), grows to 8 feet long and is virtually covered with petite, white flowers. Another popular choice, 'Lavender Showers', has flowers of a light lavender color.

New cultivars provide even more options. The recently introduced 'Lilac King' has larger, violet-pink flowers. Josh Schneider, a spokesman for Proven Winners professional growers, says, "It flowers so much you almost don't see the leaves." 'Blue Showers', from the Flower Fields, a California grower, has lavender-blue flowers, making it one of the most intensely colored bacopas.



While bacopa is great on its own, it contrasts well with broad-leaved or brightly colored partners. Try it with angel-wing or rex begonias, or pair it with coleus, sweet potato vine, or petunias.

For best results, choose a partly shaded site, and water and fertilize regularly. Bacopa is very sensitive to drying out, but it can be difficult to tell when it needs water. Check frequently, and use its companion plants as watering indicators. If kept moist, bacopa will flower all summer and into fall. Schneider adds, "Bacopa is a hardworking plant that makes it easy for gardeners to be successful."

—Debbie Moran



A Passage to Europe

When one thinks of European gardening, the designs of the Netherlands and Italy quickly spring to mind. But what of German and French gardens? As to the former, Germany is home to many beautiful gardens, including world-famous parks and stellar private gardens. Germany is also noted for its hybridizing of garden perennials—in fact, many of our own garden favorites were German introductions. To explore more of Germany's grand gardening heritage, PHS will sponsor a members' trip there from June 25 to July 9, 2002.

Notes PHS Membership manager Betsy Gullan, "Germany doesn't really have *one* tradition or garden style, largely because its history as a unified nation is fairly brief. For centuries, the courts of its many 'city states' developed their own regional gardening styles. In the north, they gathered ideas from the Netherlands, while in central and southern Germany, they borrowed French and Italian designs. When the English landscape style became popular, it was also adapted. They've even made groundbreaking gardens inspired by the American native-plant movement."

Another exciting trip on the PHS docket will take members to France's Burgundy region from June 7 to 19, 2002. Designed with garden stops throughout this famed wine region, this trip will be led by PHS president Jane Pepper and will include visits to chateaux, the cloistered garden of Fontenay, and cities with magnificent medieval architecture.

Itineraries for both trips are available by calling Betsy Gullan at (215) 988-8778 or emailing her at: *bgullan@pennhort.org*. You can also find more information on the PHS website, *www.pennsylvaniahorticulturalsociety.org*, under the button "Travel with Us."



GARDEN NET



HOT ORCHIDS. If you're an orchid lover, you may want to put the city of Atlanta on this year's travel itinerary. On March 24th, the Atlanta Botanical Garden will open its **Fuqua Orchid Center**, a $4.8 million new facility filled with exotic and rare orchids from around the world, including the eerie-looking "bucket" orchid (*Coryanthes alborosea, pictured above*). One interesting aspect of the Center is its prototype greenhouse, which houses orchids from both the tropics and higher elevations. There's also the Tissue Culture Lab, which seeks to clone endangered North American terrestrial orchids. Better still, a floor-to-ceiling glass wall lets visitors observe the cloning process firsthand.

SOIL TESTS ONLINE. As many know, a soil test is great first step in starting a new garden, as well as maintaining an older one. To speed up the process, EarthCo has created a user-friendly website **(www.earthtest.com)** that guides the home gardener through the soil-collecting process, test selection, and questions about soil types. When the test is done, the gardener receives a detailed report about their soil and its nutrient deficiencies, including information on what kind of fertilizers to add. The soil tests range from $20 for the Basic Test to $55 for the Complete Test. It might be the nicest thing you've ever done for your garden.

CHEATING WITH BULBS. If you forgot to plant your tulips last fall, do what many professional designers do. Buy pre-potted bulbs at your garden center, supermarket or florist and **plant them out** into your garden or in containers. Sneaking potted bulbs into the spring garden is good, sly fun.



John Gannon

More than a Garden

Philadelphia's community gardens make a dramatic impact on the physical fabric of the city, providing a pleasant, green oasis for residents, as well as a source of locally grown produce and flowers. But many urban dwellers also use gardens to reach beyond their vegetable plots to address a range of local issues. The act of creating a garden brings together people of different cultures and social classes, strengthening community ties.

Last spring, a group of graduates from PHS's Garden Tenders classes created the "Lots of Love Community Garden" in West Philadelphia. Previously, the site had been used by a traveling soup kitchen, which had operated out of a bus on the 600 block of Budd Street (just off Lancaster Avenue). That group left after a disheartening incident of theft, but area residents Michelle Snow and Pete Golden were encouraged by the way the neighborhood supported the mobile kitchen. They decided to start Lots of Love to nurture the renewed community spirit.

Though Michele admits that the group is "still just learning how to garden," their efforts have already made an impact. About 20 neighbors now participate in Lots of Love, including neighborhood youths who help tend the garden plots and attend weekly arts and crafts workshops. The group uses a barbecue pit, built by the bus group, to grill up extra produce for the needy. In keeping with its name, Lots of Love is never locked and has not had any problems with vandalism.

Gardeners from nearby Aspen Farms, a longtime PHS partner, have visited the new garden to share their knowledge and experience. And in October, Lots of Love took first prize in the "First-Year Community Garden" category of the Society's City Gardens Contest.

Reflecting on their impressive accomplishments at Lots of Love, resident gardener Carol Bowers now says, "People are starting to dream again."

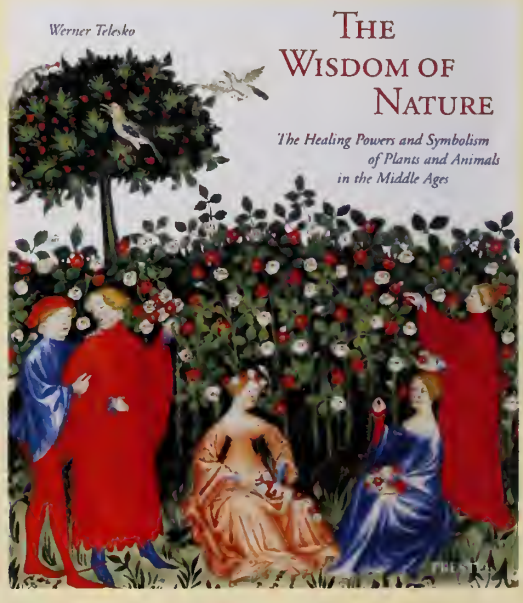
—John Gannon & Jane Carroll



John Venn

A few how-to tips: first, don't leave the bulbs in their plastic nursery pot. Instead, tip the pot and gently remove the contents. Replant in rich, well-drained soil. If you have grouped plants in one pot, keep them intact—don't try to separate individual bulb plants to rearrange them. Just slip the whole works out of the nursery pot and replant "as is" with plants in their original configuration, while keeping soil intact. This way you avoid damaging roots that may have grown intertwined within the pot. Then water well, sit back, and enjoy the sudden bonanza of spring color.

SYMBOLIC PLANTS. Herb gardens and "healing gardens" are sprouting up everywhere these days, reflecting a renewed interest in the curative power of plants. But in the Middle Ages, the whole of nature—including animals, minerals, and even the seasons—offered medical wisdom along with religious instruction. A new book, ***The Wisdom of Nature:*** *The Healing Powers and Symbolism of Plants and Animals in the Middle Ages* (Prestel, $25.00), explores the medieval folklore of the natural world. If winter gets you down, for example, you'll be heartened to learn that "snow and ice" were thought to "stimulate the digestion." You might be more familiar with another medieval observation—that winter causes "painful joints and paralysis." Illustrated with period reproductions from herbals and bestiaries, the book is an intriguing and informative exploration of everyday life in the Middle Ages. *[To learn more about symbolic plants, see this issue's Savoring Herbs column on page 40.]*



We invite you to:

Wander Through Our Garden of Gifts



- Gifts and Home Decor
- Interior Design
- Garden Sculpture
- Fountains
- Urns and Containers
- Gift Registry
- Special Orders
- Complimentary Gift Wrap

HOME & Vine
ART & ACCESSORIES FOR INSIDE & OUT

128a broad street
red bank, new jersey
0 • 7 • 7 • 0 • 1
(across from Bon-Ton Dept. Store)

phone **732.936.0600**
toll free **877-936-0600**
www.homeandvine.com

Visit our booth #603 to obtain money saving coupons!

BARNES
SOCIETY

CALL FOR CLASS WORKSHOP INFORMATION!

The Barnes Foundation
300 North Latch's Lane
Merion, PA 19066
610-667-0290
Barnes Society
Membership ext. 2255
Education ext. 2259
www.barnesfoundation.org

JOIN THE BARNES SOCIETY TODAY!

Explore endless possibilities and ideas inspired by our collections.

- Support public access to an international Treasure.
- Learn with the masters in an environment of intellectual inquiry and practical application.
- Enroll in full-time courses for practical gardening and horticultural techniques, landscape design and botany.
- Exchange ideas with experts.



© 2001 The Barnes Foundation

The Barnes Foundation Arboretum, Magnolia collection.

Touring the Gardens of Europe

with Lucas & Randall

Discover Europe's finest gardens and a rich variety of cultural and historic sites. Expertly guided visits of the world's great gardens and rarely seen private gardens. First-class touring at a civilized pace with a small group. A unique and memorable experience.

The Villas and Gardens of Italy combines the spectacular terraced gardens of the Lake District with Renaissance gardens of Tuscany. Full sightseeing programs in Venice, Florence and Rome.

Holland in Springtime shows the tulips at their peak and includes the Floriade Flower Show. Keukenhof gardens, Aalsmeer flower auction and Het Loo Palace. City stays in The Hague and Amsterdam.

The Gardens of England features landscape gardens with masses of azaleas and rhododendrons and a visit to the Chelsea Flower Show. Sissinghurst, Exbury and Hampton Court are featured and the tour ends in London.

The Italian Riviera, Lakes and the Veneto visits Mediterranean gardens on the Riviera and terraced gardens of the Lakes. Off the beaten track, the tour visits the unspoiled countryside of Veneto and Friuli.

Provence and the Côte dAzur tours private gardens in Provence and visits Arles, Avignon and Aix. On the Riviera, visits to Villa Ephrussi and La Serre de la Madone with time to relax in fashionable Nice.

The Châteaux and Gardens of France highlights the fabulous castles of the Loire Valley and the countryside of Normandy. Featured visits to Villandry, Giverny and Versailles with full touring in Paris.

England's Summer Gardens combines cottage gardens and historic castles with the Hampton Court Flower Show. Special visits to Great Dixter, Sissinghurst, Blenheim Palace, Hidcote, Stratford and London.

The Gardens of Kent and Sussex a relaxed tour of private gardens and historic estates in Southeast England - Penshurst, Churchill's Chartwell, Kipling's Bateman's, Sissinghurst and Hampton Court Palace.

"Thoughtfully planned and flawlessly executed - a wonderful way to see the castles and gardens of France"
Kathy Center Noble

Call for a brochure
800•505•2505
www.lucasandrandall.com





Stoney Bank Nurseries

DEDICATED TO THE FINE ART OF LANDSCAPE DESIGN

- Formal Gardens
- New American Garden
- Romantic Landscapes
- English Cottage Garden
- Water Features
- Japanese Gardens
- Creative Space Gardens

Flower Show Awards

Best in Show 2001
Central Feature
Silver Trophy
Governor's Trophy
Buckley Trophy
Campbell Trophy



BEAUTY AND DETAIL PLEASURES OF THE GARDEN



Jack Blandy
Stoney Bank Nurseries
61 Stoney Bank Road
Glen Mills, PA. 19342
Design and Build
610-459-5100
Fax 610-459-5974

The Pleasures of the Garden

By Dorothy Wright



PLEASURE... Webster's defines it as the gratification of the senses or of the mind. That is the inspiration for the Central Feature of the **2002 PHILADELPHIA FLOWER SHOW** "**THE PLEASURES** of the **GARDEN**," which promises to delight visitors' senses of sight, hearing, touch, taste and smell.

Photo by Floyd Limbos

Photos by Pete Prown



A Calla lily (*Zantedeschia* sp.)



First, visitors are transported back in time to the Victorian period. "The original concept came out of the idea that a garden is experienced on a very personal level, whether it is a public garden for hundreds of thousands of people or one's own little quarter acre," says Ed Lindemann, designer and director of the Philadelphia Flower Show. "Above all, a garden gives sensual pleasure and, as we know, the Victorians were pleasure seekers."

The experience begins as visitors pass through the shingled portals of a brightly painted, Victorian-inspired entrance gate. They are surrounded by the clear bell tones of carillons and niches filled with vivid floral arrangements. "The entrance is the overture to the Central Feature of the show," Lindemann explains, "and it is pure fantasy."

THE FANTASY UNFOLDS

Next, visitors approach an ethereal Victorian home in the center of a five-part garden. As interpreted by J. Cugliotta Landscape/Nursery Inc. of Southampton, N.J. and stage set designers S.M.R.D. Theatricals, the house's walls dissolve into semi-transparency to give visitors glimpses of wire figures in period costumes suggesting scenes of Victorian domestic life. The lady of the house combs her hair at her dressing table. A romantic young couple on the porch is caught in the midst of a marriage proposal. An elderly woman tends a plant-filled Wardian Case in the parlor. A boy on the tower playfully catches a butterfly in his net. The cook prepares the family's meal in the kitchen.

But while the house is a centerpiece and the figures play supporting roles, the garden is the star. "The garden was an integral part of the Victorians' lives—from the enjoyment of flower arrangements and the exchange of floral gifts to the use of plants for medicinal and household purposes. They also dined on seasonal fruits, vegetables and berries grown in their gardens," Lindemann explains.

EXPLORING THE SENSES

J. Cugliotta Landscape/Nursery marks its 20th year as a Philadelphia Flower Show exhibitor in 2002. To celebrate, owner Joe Cugliotta and designers Laurel Allen and Douglas Burgess have created an enormous exhibit that explores the five senses. In the 7,600-square-foot exhibit, they used some 6,500 plants. "One of our main goals was for

the exhibit to be integrated—instead of five little gardens, we wanted to tie it all together," Allen says. "It is designed to feel as though you are at someone's house in the Victorian period and you can't wait to see what's around the corner."

Each garden flows seamlessly into the next. Allen says the focal point of the fragrance garden is a set of wrought iron hoops supporting climbing wisteria and surrounded by shrub roses, creating the setting for an outdoor tea party. "A Pennsylvania fieldstone walkway lined with catmint creates a winding path through the garden to a small bench," she continues. "A grove of birch trees is underplanted with a profusion of fragrant plants, including tulips, gardenia, lavender, lilac and narcissus."

The sight garden is dominated by "tons of color and a Victorian ribbon garden, in which hundreds of red, white and blue petunias are bedded out to suggest waving ribbons," Allen says.

The taste garden includes an old-fashioned kitchen garden, a grove of apple trees and wild blueberries. "We've included an overflowing picnic basket set among the wildflowers," she adds.

A large hillside rockery, waterfall and pond form the backdrop for the texture garden, where ferns, azaleas and hostas appeal to the sense of touch. "The Victorian passion for ferneries, rockeries and mosseries also reflected their interest in collections," continues Allen, who notes that the design team enjoyed researching the period.

Water is integral as well to the sound garden, which features an ornate Victorian fountain. Surrounding the five sense gardens will be freestanding "islands," including a bird garden, a sculpture garden and an entrance garden. The hairpin fence surrounding it all is accented with big spikes of delphiniums.

The Cugliotta design team strove for a very clear communication of the theme. "We re-emphasize it a lot of different ways," Allen explains. Ed Lindemann adds, "Every element is there for a purpose."



Victorian birdhouses that will be exhibited in the Central Feature.

A GLOBAL APPROACH

The Central Feature next brings visitors to a timeless piazza in Italy, where members of the American Institute of Floral Design interpret the pleasures of the garden through the "Products of the Garden." Each of the 30 featured designers, who represent five countries in North America,



The deep-pink lily, 'Woodruff's Memory' (grown by Mrs. Samuel M. V. Hamilton and displayed at the 2001 Show).

Europe and Asia, will complete one monumental arrangement for the 5,000-square-foot exhibit.

Designers have free rein to interpret the many pleasures of the garden. "When you go into a garden, your senses are bombarded with fling," says Ron Mulray, AIFD, owner of the Philadelphia Flower Company in Philadelphia. He is co-chair of the exhibit with Adriene Presti, AIFD, owner of Dahlia Floral Concepts in Pennington, New Jersey.

As previous visitors to the Flower Show well know, the sky is the limit for these premier floral designers, who are among some 1,200 AIFD members worldwide. "We give the designers guidance but we try not to limit their creativity," Mulray explains. "These are the leading creative people in the floral industry and they know this just has to be their best work."

Lindemann says AIFD members' work goes beyond floral arranging. "To me, it's like sculpture," he says. "Their pieces are usually quite large, with many exotic flowers and strong contemporary color combinations, which will contrast with the ancient look of the setting."

For example, as visitors enter the piazza through its rustic stone walls, they are greeted by a circular reflecting pond featuring a rotating, mixed-media garden sculpture. Throughout the exhibit, dramatic lighting accents the museum-like quality of the setting and arrangements.

This is AIFD's seventh year as an exhibitor in the Flower Show, where it has won numerous top awards, but it is the first time its members have taken part in the Central Feature. Altogether, some 100 members will be involved in mounting the exhibit.

"Everyone in the organization has such a passion for flowers, that to be involved in something on this grand a scale is just an incredible opportunity," Mulray notes.

FAST FORWARD

Finally, Flower Show visitors will enter the "Peace Garden." "We wanted to give people something very positive and uplifting," Lindemann explains. "Visitors view a garden with crumbling walls and chipped and broken statuary, but it is springtime and the garden is just bursting into color and life. "For many people, including me, the garden is where we find peace and tranquility in the most difficult times," Lindemann says. "This exhibit symbolizes our hope for peace, life and beauty in the future."

Dorothy Wright is a freelance writer who lives in Ardmore, PA.



2002 Philadelphia Flower Show

DATES
March 3-10, 2002

HOURS
Sundays (March 3 and March 10)
8 am-6 pm

Monday-Friday (March 4-8)
10 am-9:30 pm

Saturday (March 9)
8 am-9:30 pm

LOCATION
Pennsylvania Convention Center
12th & Arch Streets
Philadelphia, PA

THEME
"The Pleasures of the Garden"

PRODUCER
The Pennsylvania Horticultural Society

PRESENTING SPONSOR
PNC

PREMIER SPONSORS
SUBARU
TARGET

FLOWER SHOW INFORMATION
Phone: (215) 988-8899
(recorded information)
Website: *www.theflowershow.com*

TICKET PRICES (AT THE DOOR)
Opening Day (Sunday, March 3)
Adults $24
Children $10 (2-12 years)

Weekdays
Monday-Friday (March 4-8)
Adults $20
Children $10 (2-12 years)

Weekend
Saturday & Sunday (March 9-10)
Adults $22
Children $10 (2-12 years)

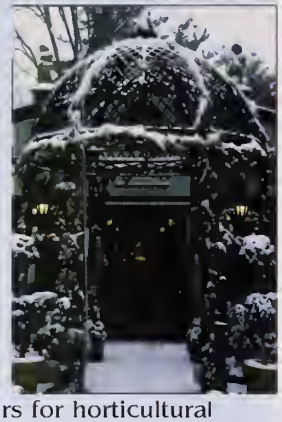
ADVANCE TICKETS
Group (20 or more)
Adults $17.50
Children $10 (2-12 years)

*Individual**
Adults $18
Children $10 (2-12 years)

[*Sales Outlets: Individual tickets are available online at *www.theflowershow.com* or at participating PNC Bank branches, AAA Mid-Atlantic branches, ACME Markets, Barnes & Noble, Clemens Markets, SEPTA ticket sales outlets, Smith & Hawken stores, local garden centers, nurseries and florists. Check availability with individual outlets; service charges may apply.]

Meadowbrook Farms

Choose from an ever-expanding variety of annuals, perennials, tropicals, native and woody plants. Be sure to see our new cactus and succulent house. Our sales room is stocked with unique garden-related gifts fountains, statuary and colorful combination baskets. Great horti-cultural gifts including bonsai and troughs. Tours for horticultural groups offered April-October, call for details. Visit us soon and often and become excited about plants.



Meadowbrook Farm
1633 Washington Lane
Meadowbrook, PA 19046
Mon-Sat 10-5
(215) 887-5900



Oriental Rug Cleaning and Restoration

Each carpet is meticulously hand cleaned by artisans then carefully air dried on a special rack.

ROY MALOUMIAN INCLUDES

- A clean new pad with each clean rug
- Inspection of rug for repair or restoration needs
- A written appraisal of each rug's value
- All work is done on site in our Mt. Airy plant

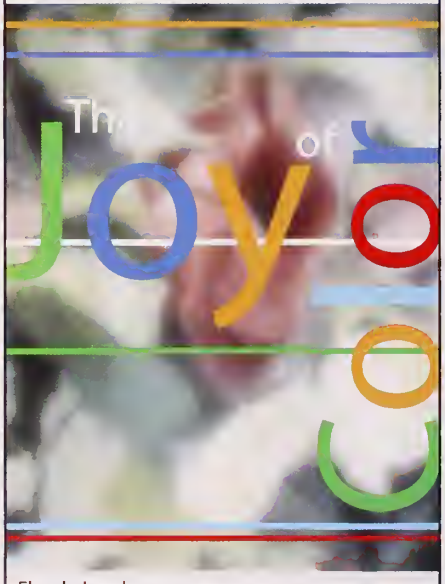
Maloumian Oriental Rugs
Imports • Cleaning • Restoration

Free pickup and delivery
Call 215-247-6829
www.rugsclean.com

Shelley Picker



Watercolors



Florals, Landscapes
Commissions accepted

phone: 610.668.1185
online gallery: www.shelleypicker.com



Call today to schedule a free professional consultation to review your property.
215-844-TREE (8733) • 610-688-6644 • Fax: 215-438-1879
www.mcfarlandtree.com

Sparkling Water Gardens

DELAWARE'S
WATER GARDEN
EXPERT



Your source for:

rare and unusual plants

native plants and grasses

unique water and container gardens

natural habitat plantings to attract birds and butterflies

pottery

and more.

GATEWAY Garden Center

RTE. 41, LANCASTER PIKE • HOCKESSIN, DE 19707

302 239 2727 gatewaygc@aol.com

CHANTICLEER

...a pleasure garden



Open April through October – Wednesday through Saturday 10 to 5 and Fridays until 8pm during June, July and August

786 Church Road
Wayne, Pennsylvania 19087
610/687-4163
www.chanticleergarden.org



The Perfect Gift!

(we'll even send a gift card)

Give a friend or loved one the gift of gardening...with a subscription to *Green Scene* magazine! That's 6 issues of **GREAT GARDENING TIPS** and **CREATIVE OUTDOOR IDEAS**, all perfect for gardeners on the East Coast.

TO ORDER BY PHONE, CALL: (215) 988-8769

GET SIX ISSUES FOR ONLY $16.95 (ONE YEAR) OR SAVE WITH 12 ISSUES (TWO YEARS) AT $32.95.

Yes, sign me up for *Green Scene* magazine!

❑ 1 year ❑ 2 years ❑ Gift subscription

Send subscription (and gift card) to:

Name_____
Address _____
City/State _____ Zip _____

Gift from (if applies):

Name_____

Payment method: VISA

❑ check enclosed ❑ credit card

Card# _____
Exp. date _____
Date: _____

Mail to:
Green Scene, PHS
P.O. Box 82-1839
Philadelphia, PA 19182-1839









Top left: *Rhodohypoxis baurii*

Top right: Lee in his garden

Bottom left: *Dianthus*, *Phlox* and creeping juniper

Bottom right: *Viola corsica*

Right: *Papaver atlanticum*

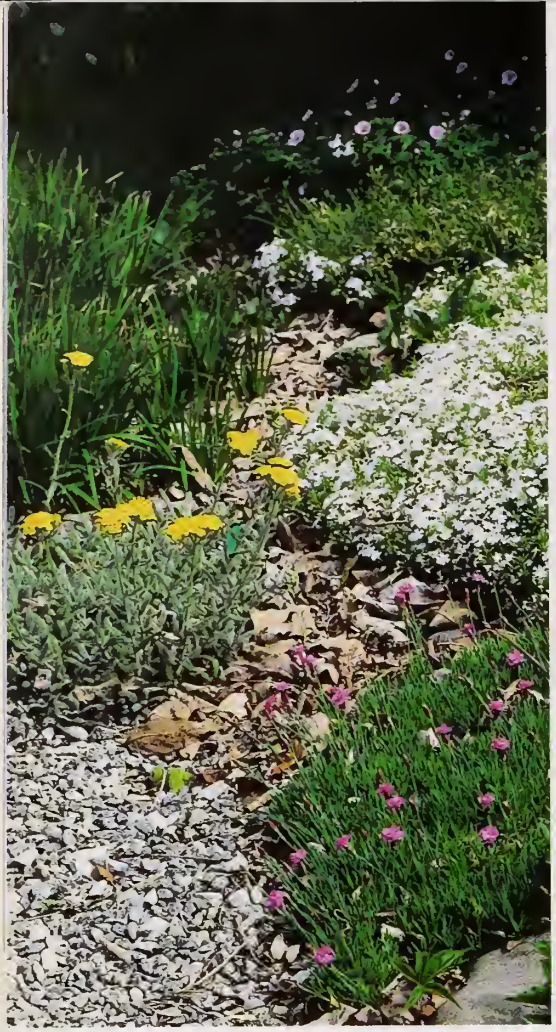


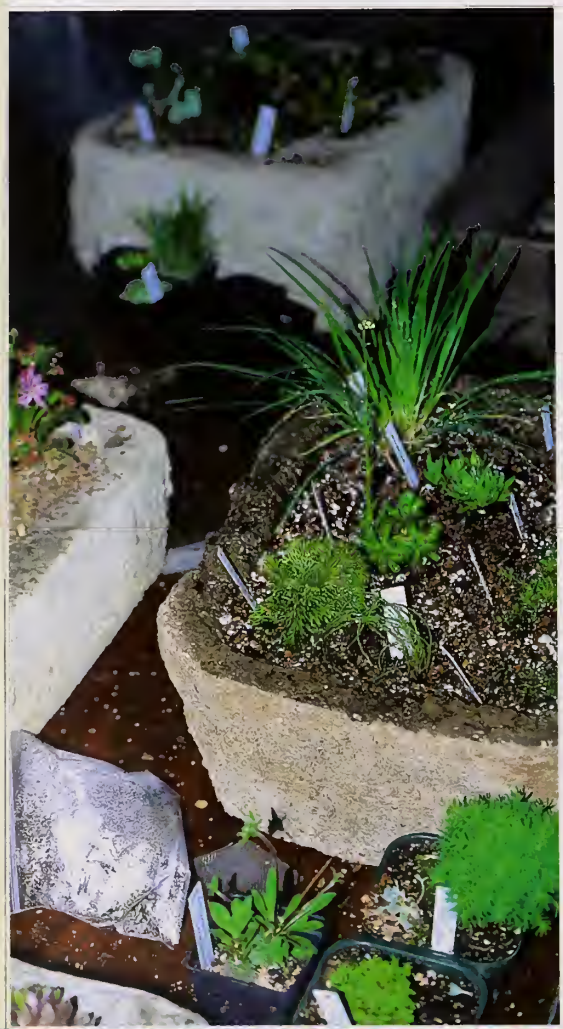
Portrait of an Alpinist

A Visit with Rock Garden Expert Lee Raden

Story by Marban M. Sparkman/Photography by Pete Prown

As many gardeners know, some of the loveliest plant species are found in the alpine and sub-alpine elevations of the world's mountain ranges. They are the miniatures of the plant world, stunted by the harshness of their environment and distinguished by their exquisite form and delicate detail. Originally defined by the British as anything that grew above the tree line, the class has been expanded by American gardeners to include any minute plants that grow in mountain soil. The common denominator among alpines is diminutive size and a willingness to thrive in meager, rocky soil.







Portrait of an Alpinist

Lee Raden, who has been master of his own miniature alpine world in the Delaware Valley for 30 years—not to mention a Philadelphia Flower Show veteran—agrees that the definition is very hazy. He prefers to think of an alpine as "any small plant that you can grow in your garden." Most authorities make little distinction between "rock garden" plants and alpine ones. Partly because of climate, American rock gardeners seldom limit their plantings to inhabitants of high mountains, often including other small, choice plants that look as if they belong. Some succulents come under this heading. For example, *Echeveria*, a sub-alpine succulent that grows in Mexico at 7,500 feet, is a great favorite with Lee, though he describes it as "a devil to grow in our area."

AN ALPINIST'S GARDEN

Miniature species bulbs also bloom in all seasons in Lee's garden, poking their heads above and between their tightly knit neighbors. *Fritillaria*, a plant that takes six years to bloom, is another favorite. Lee stretches his definition of "anything small" to include 6-inch-tall *Sternbergia lutea*, a bulb that offers gorgeous yellow goblet-shaped flowers in fall and keeps its foliage through the winter. Though he doesn't claim it as an alpine, he says "it fits in perfectly" and so finds a home in his garden.

Alpines are relatively easy to grow, given a semblance of their natural habitat where the soil is a rocky rubble, technically called *scree* and *moraine*. Moraine consists of great chunks of clay and rock that have been dislodged from the mountainside by glacial movement. Beaten down by the elements over time, moraine dissolves into pebbles called scree, a very meager growing medium. This "lean soil" produces tiny but exquisitely detailed plants.

About 30 years ago, Lee undertook to transform his flat, fertile, windswept, hilltop into a series of six hummocks (or berms) that give the effect of a ridge of small mountains. There are no jagged rocks or craggy boulders in this rock garden, only gently rounded mounds shaped out of 40,000 pounds of ground granite, topped with sand and local soil, and then covered with scree. The hummocks provide protection from the wind and create a variety of vertical planes that enhance the visual effect of the ground-hugging plants.

Given this close approximation of their natural habitat, alpines thrive here without the addition of fertilizer or water. What potash and phosphorous they get comes from their own decaying leaves. Lee theorizes that "plants grown in the mountains get their nitrogen from lightning." When a bolt splits the atmosphere it creates nascent-state oxygen and nitrogen, which the plants readily absorb. It is this "nitrogen fix," not the cleansing rain, that makes a garden look so green after a storm. "Not many people know this," he adds.

Lee estimates that he sows 200 packets of seed each year—starting them in the basement under lights—because he finds that seedlings adapt more readily to the harshness of their growing environment than do young plants that have become accustomed to a richer diet. Alpines grow best in a melange of commingled roots. They thrive in what Lee calls "root company." This intermingling of plants gives the garden a very natural look, as drifts of color and texture spread across the hillocks.

Diminutive grasses such as bright green *Deschampsia flexuosa* 'Tatra Gold' (syn. 'Aurea') grow together with the variegated leaves of *Cyclamen hederifolium* and fern-like *Corydalis sempervirens* to form a miniature tapestry. In places, the variety and texture is so subtle that you wish for a magnifying glass. Creeping phlox (*Phlox subulata*) looks wonderful massed in the garden and is one of the easiest natives to grow, though some would say that if it grows in the Delaware Valley at 400 feet above sea level, it is not a true alpine. The randomness of self-seeding plants is a special boon. Tiny hardy cyclamen, for example, pop up everywhere. Raden says, "Columbine is promiscuous, too; it inter-breeds to give you the most fascinating colors and shapes. Just let it go."

Alpines flowers are indeed wonderfully colorful. Growing naturally in the mountains, they cover hillsides in the spring with sheets of red and coral, yellow and blue. To view the beauty first hand, Lee goes to Yosemite National Park each July, just as the last snow is melting, to see the gorgeous color. He recalls, "One of the most thrilling

Top left: *Achillea tomentosa*, *Phlox subulata*, and *Dianthus* sp.

Bottom left: Alpines being planted in troughs.

Right: *Draba longisiliqua*

For seed sources and more information on rock gardening and alpine plants, Lee Raden recommends the major societies, most of which are available on the Internet:

- The North American Rock Garden Society
 www.nargs.org
- The Alpine Society of Great Britain
 ww.alpinegardensociety.org
- The Scottish Rock Garden Club
 www.srgc.org.uk
- The Alpine Garden Club of British Columbia
 www.icangarden.com/clubs/agcbc

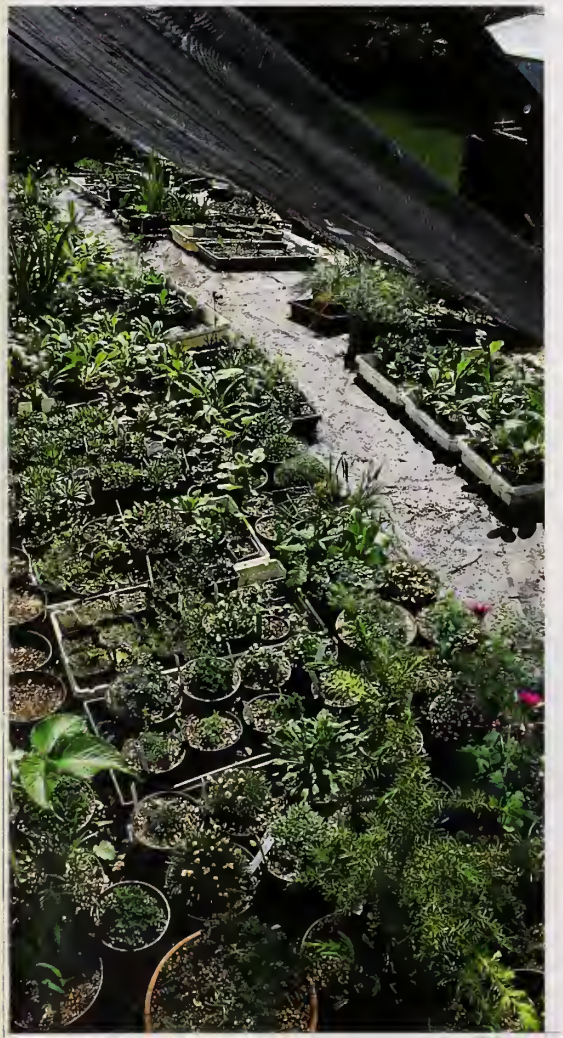
Closer to home, the Delaware Valley Chapter of the North American Rock Garden Society has a spring and fall seedling sale that is a must for aspiring alpine gardeners. For more information on membership, contact Dick Rosenberg at *rosiebig@voicenet.com* or write: 5 Westview Road, Bryn Mawr, PA 19010. You can also find them on the web at *www.nargs.org/meet/chap_dv.html*

Portrait of an Alpinist

Every gardener has a favorite bit of prose. One of Lee Raden's is "Horticulturist's Gardens," written in 1929 by Richardson Wright. To Lee, it sums up his feelings about alpine gardening in one perfect nutshell

"Just as the sex of a hippopotamus is of interest only to another hippopotamus, so the garden of a horticulturist is of interest only to another horticulturist. For, be it remembered, the 'landscaped' garden, the garden planted to make pretty pictures irrespective of its plant material, is one thing, and the horticulturist's quite another. In the latter, the interest centers in the plants themselves. Mine, I'm afraid, belongs to this category.

"I have seen the owners of the picture gardens leave this place with their noses tilted up to the empyrean and muttering, 'My God! And he calls that a garden!' I have also seen horticulturists crouch in rapture before my one solitary plant of the rare Daphne Ghiraldi [sic]. Though they are usually hectic jumbles, the gardens of horticulturists possess more personality than those that are professionally landscaped, and are longer remembered. In clothing, the professional custom tailor-made look is desirable; it is not always desirable in gardens."



Some of Lee's many alpines sitting under a sunscreen.

sights I have ever seen was at Lake Tahoe. I went up in the gondola and there were miles of California poppies for as far as the eye could see."

INSIDE AN ALPINE HOUSE

Because most plants that grow in the mountains are under snow cover six to eight months a year, Lee tries to simulate those conditions inside a special "alpine house" on his property. This unique, south-facing structure maintains a 34°F night temperature, rising to 50-55°F in the daytime, with the help of fans that steady the temperature and add buoyancy to the air. Shade cloth tames the searing sun of the Delaware Valley from April Fool's Day until Halloween. Tented with moveable glass panels in winter, this deep cold frame holds the same scree mix. Consisting of Soil Master, ground granite and peat, the medium offers no nourishment, but its porosity provides perfect drainage and allows oxygen to easily reach the roots of plants.

Inside the alpine house, Lee grows the rare specimens that he shows in the Philadelphia Flower Show, some of which take up to nine years to mature for competition. Also growing here are miniature alpine bulbs, which have a special place in Lee's affections and his gardening scheme, as well as those rare "species" bulbs that don't care to grow in pots and can't stand Philadelphia's summer heat and humidity. Dormant and dry through the summer, these dainty Mediterranean bulbs require only water beginning in the fall to produce a steady stream of bloom throughout the winter. Lee finds this kind of gardening "very, very rewarding."

Lee Raden is an intrepid grower and a very patient gardener. He is currently experimenting with South African bulbs, such as *Watsonia* and *Lachenalia.* Many of his exotic treasures take three to five years from seed to bloom. Some never make it out of their pots and into the garden at all. Those special challenges are also kept in the alpine house, along with an extensive collections of dwarf daffodils, species cyclamen, and primula.

AT THE FLOWER SHOW

In his alpine house, Lee has numerous bulbs growing in pots throughout the fall and winter. They, too, require water beginning in early fall to bring them out of dormancy, though their growth is not otherwise forced. Native to North Africa and Spain, these species come from so far south that our winter is their natural bloom time. They thrive and bloom all winter in the climate of the alpine house. The best of these bulbs appear in the Philadelphia Flower Show every March. But Mother Nature is capricious about what will be ready at show time, or which plants will need just a little more time under lights in the basement to bring them to perfection. But ever the eager competitor, Lee manages each year to bring some unique specimen to perfection just in time for the Show.

"Growing plants in pots demands an entirely different mind set," says Lee, "In fact, it's a craziness." What happens naturally in the garden becomes an issue in the alpine house: When to water? How to fertilize? When to go dormant? He admits, "It's a whole lot easier outdoors. In here, I lose thousands of plants, but I just love the challenge."

Rising to the challenge of growing perfect alpines has also garnered Lee Raden every major prize in the rock garden classes during his 33-year history at the Philadelphia Flower Show. Imagine his pleasure in winning the prestigious Doretta Klaber Award in 1999, for it was she who first intrigued him with alpine gardening.

For the 2002 Show, a *Cyclamen pseudibericum* that he has grown from seed for five years looks like a possible entry. Lee is also optimistic about a 3-inch, mid-winter-blooming *Cyclamen coum*, though he has never succeeded with it before. The greatest challenge, he says, would be to grow a *Dionysia*, a tiny, flower-covered mound that is popular in England but almost impossible to grow here. Says Lee, "I have tried every ruse known to man and still I fail. But I love it—it's so humbling."

Marby Sparkman is a regular contributor to *Green Scene* and a member of the PHS Publications Committee.

Tell Us Your Dream







Gale Nurseries has been designing and building exquisite, award-winning gardens for three generations.

- Period gardens that relate to architecture and personalities
- Natural, native plantings that create quiet, inviting areas
- Contemporary designs for a bold, exciting statement
- Older plantings refurbished, reworked and revitalized

Gale Nurseries Inc.

1716 School House Road, Box 264 • Gwynedd PA 19436
215.699.4714 • fax 215.699.3203 • gale@netcarrier.com

ENVIRONMENTAL LANDSCAPE ASSOCIATES, INC.

THE PREMIER DESIGN/BUILD COMPANY SINCE 1989

LANDSCAPE architec LANDSC construc LANDSC mainten LANDSC architecture LANDSCAPE construction LANDSCAPE maintenance LANDSCAPE architecture LANDSCAPE construction



"We create outdoor living spaces that look like they have always been there"



Tree Transplanting Tree Sales

1-800-ELA-9252

DOYLESTOWN, PENNSYLVANIA

"Why wait for mother nature?"

PENNSYLVANIA'S PREMIER

APPRAISERS & AUCTIONEERS OF FINE ANTIQUES

FOR PRIVATE COLLECTORS, MUSEUMS, BANKS, & LAW FIRMS



Sold
$1,485,000.00



Sold
$6,600.00

Sold
$6,600.00



Sold
$115,500.00

Pook & Pook Inc.

P.O. BOX 268
DOWNINGTOWN, PA 19335

(610) 269-0695
www.pookandpookinc.com

The Philadelphia Flower Show presents

The Marketplace

A special advertising section for retail vendors in the Flower Show's "Marketplace" section. We invite you to visit them when you come to the show.

Waldor Orchids



Exhibiting in the Philadelphia Flower Show for over 60 years.

Visit us there in the Marketplace.

Visit our naturalistic showroom

The area's largest provider of orchid plants & related supplies

10 East Poplar Avenue, Linwood, NJ 08221

Retail Hours: Friday & Saturday, 9 am to 5:30 pm
Wholesale by Appointment

610.927.4126 • e-mail: waldor@waldor.com
or on the WEB at: www.waldor.com

HAND-CRAFTED WELDED IRON



SELECT FROM OUR POPULAR LINE OF PRODUCTS OR LET US CUSTOM DESIGN/BUILD TO CONFORM TO YOUR SPECIFIC NEEDS

ARBORS
GATES
TRELLISES
ARCHWAYS
OBELISKS
TOWERS
PAVILIONS
PERGOLAS
BENCHES
FENCES
RAILS

The Painted Garden, Inc.
304 EDGE HILL ROAD
GLENSIDE, PA 19038
SHOWROOM BY APPOINTMENT
(215) 884-7378

Parkside Orchid Nursery

2503 Mountainview Drive
Ottsville, PA 18942

For directions and more information visit our Web Site at www.parksideorchids.com



Looking for that **beautiful** and **unusual** gift for a **special** occasion or that species or hybrid to add to your expanding collection? Visit our **unique** nursery located in Upper Bucks County just north of Doylestown, PA. Thousands of blooming orchid plants are available throughout the year

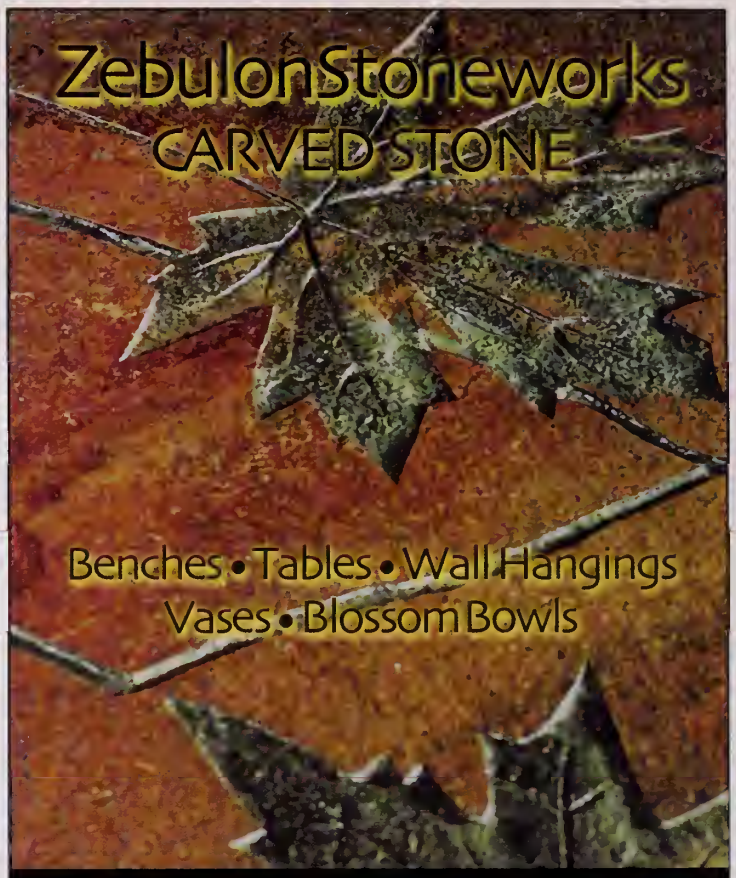
We specialize in:

- **BLOOMING ORCHID PLANTS,**
- **GIFT BASKETS & CERTIFICATES,**
- **A FULL LINE OF SUPPLIES & SERVICES,**
- **INSTRUCTIONAL CLASSES,**
- **AND SPECIAL EVENTS**

Visit us at Booth #213 at the Philadelphia Flower Show, in the nursery or at our extensive on-line Web Store located at www.parksideorchids.com.

Nursery Hours
Wednesday thru Saturday, 10am-5pm
Sunday, Noon to 5pm

email: titanic@epix.net
610.847-8039



(509)684-8288 • zebulon@theofficenet.com
Booth 720 - Philadelphia Flower Show



Walpole is full of fresh ideas for your upcoming outdoor season. Stop by and visit us at the Philadelphia Flower Show, Booth #515/616 or call 973-539-3555 for our Free Selections brochure.

Walpole Woodworkers®
Quality Fence Since 1933
540 Tabor Road, Rt. 10W at 53N, Morris Plains, NJ

PeonyLand

LOCATED IN UPPER BUCKS COUNTY



The largest Chinese peony garden in North America. Offering premium Chinese tree and herbaceous peonies.

P.O. Box 910
475 Church Road
Richlandtown, PA 18955
Phone: 215-536-9388 • Fax: 215-529-7128

www.peonyland.com

ANLA member • Wholesale and Distributors Welcome.

BOOTH 211

Quality Garden Tools for Serious Gardeners

Ask for our **FREE** catalog of unique, high-quality, hard-to-find garden tools. It contains many tools manufactured by Lee Valley as well as hundreds of unusual and work-saving items imported from around the world.



To shop online or order a catalog, visit: www.leevalley.com

or call: **1-800-871-8158**
or fax: **1-800-513-7885**
and request free catalog UG230.

Lee Valley Tools Ltd.
12 East River St., Ogdensburg, N.Y. 13669

Garden Tools by Lee Valley

Clearly Pretty™

We make special stakes for special gardens.
Clear, nearly invisible stakes for all your plants.
From orchids to sunflowers.



Please visit our website at: www.clearlypretty.com or email mjbarbi@aol.com or barbysullivan@aol.com
Yardley, PA • 215-493-8979

LYN SNOW

ORIGINAL WATERCOLORS

LIMITED EDITION PRINTS



Come see our new prints.

Booth #407

And please visit our website www.lynsnow.com

Statement of Ownership Management and Circulation (Act of October 23, 1962; Section 4369, Title 39, United States Code)

1. Date of Filing: September 28, 2001. 2. Title of Publication: Green Scene Magazine. 3. Frequency of issue: bimonthly. 4-5. Location of Known Office of Publication and Headquarters: 100 N. 20th Street. 5th floor. Philadelphia, Pa 19103-1495. 6. Names and Addresses of Publisher and Editor: Publisher - The Pennsylvania Horticultural Society, Philadelphia, Pa. 19103-1495; Editor: Pete Prown, 100 N. 20th Street. 5th floor. Philadelphia, Pa 19103-1495. 7. Owner: The Pennsylvania Horticultural Society, Philadelphia, Pa. 19103. 8. Known bondholders, mortgages and other security holders holding one percent or more of total amount of bonds, mortgages or other securities: None. 9. Extent and Nature of Circulation:

	Average No. Copies Each Issue Preceding 12 Months	Single Issue During Nearest to Filing Date
A. Total No. Copies Printed(net press run)	13,817	12,412
B. Paid Circulation:		
Sales through dealers and carriers, street vendors and counter sales	88	63
Mail subscription	13,160	12,196
C. Total Paid Circulation	13,248	12,259
D. Free Distribution by mail, carrier or Other means, samples, complimentary And other free copies	108	116
E. Free Distribution outside the mail (carriers or other means)	532	100
F. Total Distribution (sum of D and E)	640	216
G. Total Distribution (sum of C and F)	13,888	12,475
H. Copies not distrihuted: Office use, left over, unaccounted, Spoiled after printing	200	200
Return from news agents	0	0
I. Total (sum of G, H1 and H2) Percent Paid and or Requested	14,088	12,675

I certify that the statements made by me above are correct and complete.

Pete Prown, Editor

Jewel on the Hill

Victorian Romance Abounds in a Chestnut Hill Garden

Story and Photography by Rob Cardillo



Between the Wissahickon Creek and the quaint, cobblestone streets of Chestnut Hill are some of Philadelphia's finest homes. Residents here share a passion for inspired landscaping and many have spent years creating horticultural wonderlands built of bud, bark and flower. But the most public of these talented gardeners would have to be Pete Hedrick, whose Federal-style townhouse and garden spill over onto Germantown Avenue, the Hill's main business strip, surprising and delighting wandering shoppers.





Passersby can't help but first notice the large containers of Japanese tree lilacs (*Syringa reticulata*) that intersperse the parking meters. Nor can they ignore the inviting steps to an entry resplendent with sculpted shrubs and trained vines. In the eight short years he's been there, Pete, a family physician, has created a valentine to his neighborhood in shades of green. But as lush and pleasing as his front yard is, the real horticultural riches remain hidden behind a brick wall. And those who are fortunate enough to walk through his open gate during the Hill's many festivals usually swoon at the sight of his Victorian-styled courtyard.

Strong, geometric lines carve his property into a series of smaller rooms, each with a unique rhythm and floral palette. Boldly colored annuals punctuate the disciplined topiaries, and exotic plants flourish among the neoclassical statuary. Brick, flagstone and pebble paths weave through and about, leading to intimate views and quiet corners. Small in size but rich in perspective and ornamentation, this is a true gem of a romantic garden.

Of course, it didn't happen overnight. Both home and grounds were seriously dilapidated when he took ownership and much of the future garden was used as a parking area, which compacted the soil considerably. And Pete, who had moved



from a high-rise apartment where his only plants were artificial, had no real horticultural experience. What he did have, however, was a passion for classical design and a love for the trained and topiaried gardens of Provence. With a few books, a pick ax, and a heroic amount of sweat, he spent a year clearing away the entrenched ivy, old paving, rocks, rubble and clay and amended what was left with countless bags of manure.

Not a fan of Philadelphia winters, Pete wanted a garden with strong "bones" that would continue to offer inspiration during the long cold months. His first project was a simple brick pathway leading from his conservatory door to a Gertrude Jekyll-inspired Lutyen's bench. Next, he constructed a low triangular boxwood parterre followed by a small woodland path, a four-square kitchen garden and a low boxwood knot. Soon, without the aid of any formal plan, the yard unfolded with multifaceted beds, paths and an emerald green lawn neatly stitched together with clipped evergreen shrubs.

Ornaments play a major role in this garden and Victorian motifs appear in fountains, benches, containers and statuary. With careful consideration, Pete chose and placed each object, creating subtle focal points that enhance the overall coziness of the garden without overwhelming the plantings. Italianate planters sprouting tropical ferns and cycads anoint the top of the brick wall. Oversized stone artichokes and acorns intersperse long runs of foliage. Dark leaded urns hold ivy topiaries, and a stone obelisk has become a foil for the dramatic ruffles of an elephant-eared *Colocasia.* Water features include a reproduction stone cistern with fountain and a small bubbling pool. Both help mask the occasional rumble of a truck on nearby

Left inset: A circular design of canna and caladiums.

Left: A profusion of hotly colored annuals with variegated shrubs create a knock-out composition.

Right: Even Pete's toolshed is beautiful.



Isn't it Romantic?

You don't have to train topiaries for your own version of a romantic garden. Just keep these ideas in mind as you design:

- Create an intimate garden "room" with screens made of tall plants. Furnish with a bench for cozy tête-à-têtes.
- Include a few secret spots, views or objects to add an air of mystery.
- Showcase a few architectural objects such as footed urns, ornamented containers, and romantic statuary. These focal points will add an emotional quality to your plantings.
- Build curved pathways that invite strolling rather than racing.
- Add a small water feature and a place close by to sit and enjoy its relaxing sound.
- Plant big bold-colored and flamboyantly foliaged annuals such as castor bean, *Brugmansia*, bananas, cannas and bamboo to add drama and intensity. Allow smaller plants to billow and drape over the pots and paths for a softer look.
- Don't forget fragrant herbs and flowers! Their engaging perfumes will complete the experience.

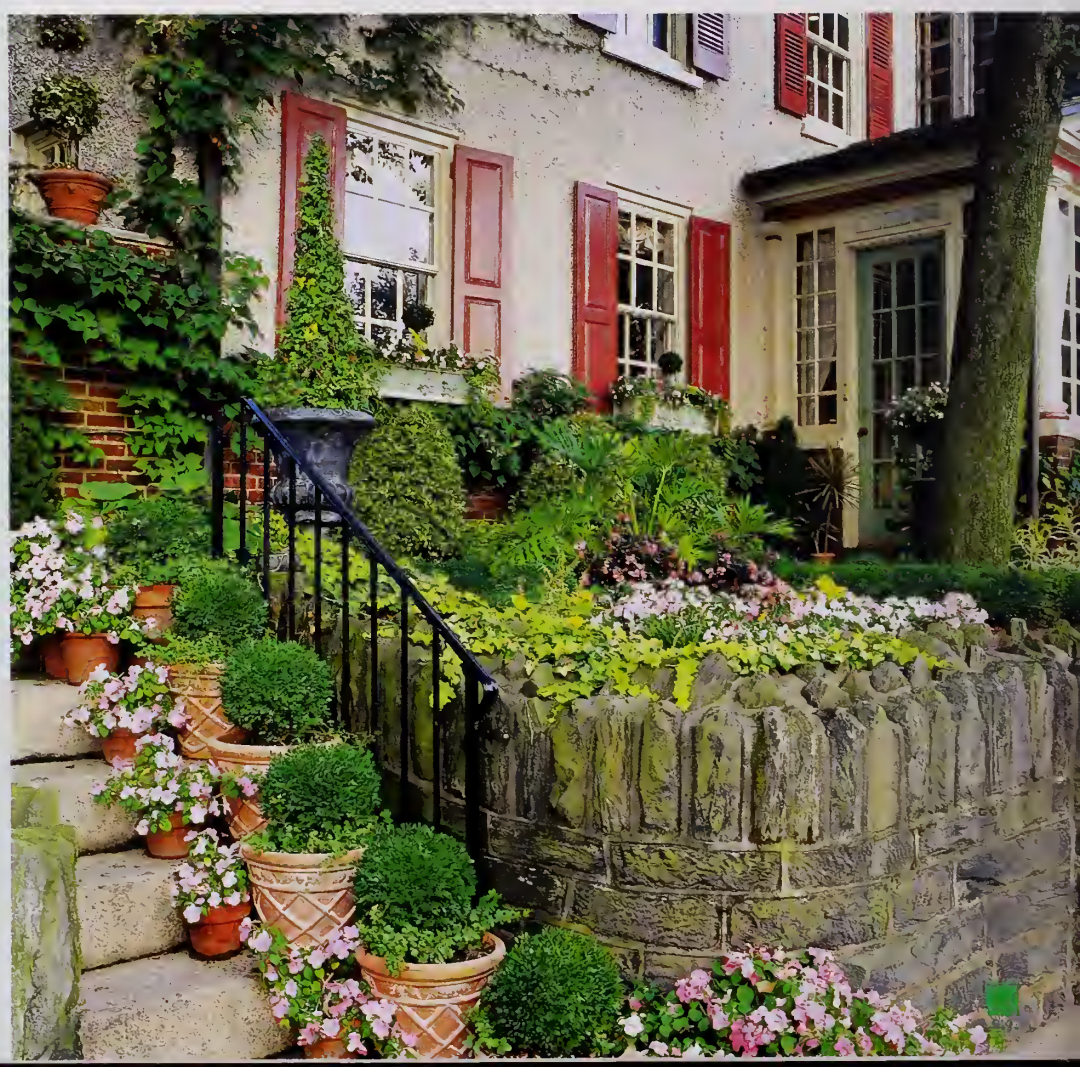
Germantown Avenue.

The outbuilding was one "ornament" that surprised Pete. With plans from a lumber company, he asked a contractor to build this simple tool shed. When he returned from work one evening, the building was nearly complete—and *three times* the size he had imagined! Eventually, the large structure was covered by trained sinewy vines, and a mail-order cupola and weathervane were added to the top. With these additions, the building fell into proper perspective.

Training and pruning are Pete's primary chores these days. With a bypass lopper and hand pruner, he sculpts the boxwoods, lilacs, hollies and ivies with a measured elegance. Japanese lilacs are not often grown as standards, and viewing these fragrant lollipops underplanted with purple pansies is a real spring delight. The plants in the front receive more sun and hence need more pruning. The front wall showcases an English ivy trained on a diamond lattice of wires attached to evenly spaced nails. The pruning here is almost every other week during the growing season for this vigorous plant. The opposite side of the wall hosts a slower paced *Euonymus* 'Manhattan', which climbs without supports and needs less frequent attention. The arched Japanese hollies (*Ilex crenata*) along the fence line require a clipping only three to four times a year.

The European hornbeams (*Carpinus betulus*) that border his southern exposure

Below: Lush plantings also abound on the front of Pete's house on busy Germantown Avenue.



are another matter. Pete wove these together using a method known as *pleaching*, where the fairly elastic young limbs of certain trees are plaited and tied together. After planting the saplings, he ran three horizontal, evenly spaced cables across their tops and secured them to poles on either side. Once the trees reached a good height, he simply wired the side limbs and the cables together. After two or three years, the trees had an established growing pattern and all the supporting hardware was removed. These and the large saucer magnolia now require pruning at a substantial height and are the only chores that Pete has others perform.

Boxwood was one of Pete's early loves. At first, he cultivated only the dense English Boxwood (*Buxus sempervirens*), the type grown throughout the ages in Europe for screens and hedges. Finding dwarf specimens was a challenge, but he eventually located a good local source for these and other specialized woody plants at nearby Colibraro Landscaping & Nursery (818 Herman Road, Horsham, Pennsylvania, 215-628-9452).

When many of his boxwoods began suffering with the deadly fungal disease *Volutella*, Hedrick attempted to spray and prune out the afflicted parts, though without much luck. The disease, a bane to many boxwood collections, spreads easily, especially through pruning tools. While replacing dying plants can become an expensive and time-consuming endeavor, Pete eventually surrendered and reluctantly took to using the more resistant Korean Boxwood (*B. microphylla koreana*) as a substitute.

Devotion to a demanding career leaves little time for gardening, and Hedrick is often seen clipping his plants into the night. His tremendous love of the garden was tested recently when he pulled his back lifting a large concrete planter. The next day a friend found him practically crawling on all fours pulling weeds and trimming edges.

These Herculean efforts paid off this year when Pete won first prize in the *Good Morning America* "Best Garden in America" contest. They chose his garden over hundreds of other entrants. Camera crews were on hand at all the finalist's gardens at 5:00 am one July morning. No one knew which garden was going to win until Rebecca Kolls, the show's garden correspondent, strolled through Pete's white gate with a big bouquet. A live interview followed and his website (*www.petesgarden.com*) soon amassed over 10,000 hits.

Things have quieted down a little since then, but this jewel of a garden still shines under Hedrick's meticulous care. He's met visitors from all over the world and from every walk of life while tending his front ivies. All who stop and chat walk away a little richer and a little more relaxed. Come visit yourself the next time there's a garden open day, and see firsthand how this hilltop beauty sparkles.

Behmerwald Nursery

The only thing harder to find than our nursery
Is a better selection of plants!
Behmerwald Nursery grows numerous varieties of hardy perennials and grasses. We also stock a nice selection of unusual trees and shrubs along with the garden classics.
Only 45 minutes west of Philadelphia
4904 Garges Road, Schwenksville, PA 19473
610 287-0480
Get directions from our web site: **www.behmerwald.com**

Cedar Ridge Nursery Inc.



Landscape Contractors • Arborists
A landscape design/build firm, specializing in creating and enhancing environments utilizing our own rare collection of native grown plant material.
Specializing in large hand dug transplants.
Serving the Tri-county area for over 20 years.
(610) 584-4972
Please visit our web site for a full tour of our services.
www.cedaridgenursery.com

PHILADELPHIA HOUSEPLANT WHOLESALERS

Spring 2002

CENTER CITY'S ONLY FULL SERVICE GARDEN CENTER

Annuals & Perennials
Trees & Shrubs
Imported Pottery

LANDSCAPING BY EXPERTS

EVERYTHING FOR INDOOR & OUTDOOR GARDENING

HEALTHY HOUSEPLANTS AT WHOLESALE PRICES

Over 5000 Plants in Stock at all Times
From 6″ Pots for the Windowsill to 15″ Tall Specimens

PLANT RENTALS
COMMERCIAL - RESIDENTIAL

1233 BAINBRIDGE STREET
ONE BLOCK OFF
S. BROAD STREET
OPEN 7 DAYS
215-545-5044
WE DELIVER!



From arbors and trellis, to garden furniture, mailbox and lantern posts, window boxes, and our hand crafted fence, Walpole is full of fresh ideas for your upcoming outdoor season. Stop by and visit us at the Philadelphia Flower Show, Booth #515/616 or call 973-539-3555 for our Free Selections brochure.



Walpole Woodworkers®
Quality Fence Since 1933
540 Tabor Road, Rt. 10W at 53N, Morris Plains, NJ

Helping Support Everything that Grows



Landscapes & Interiors
Decorative Metal Fencing
Wrought Iron Designs ♦ Garden Gates
Ironwork ♦ Marble Statuary ♦ Fountains
Teak & Casual Furnishings
Arbors & Trellises ♦ Weathervanes
Unique Garden Gifts
Feng Shui Remedies

garden culture
OF LONGWOOD
A Gallery of Garden Art
for Inside and Out

908 E. Baltimore Pike (Rt. 1), Kennett Square
1/2 mile south of Longwood Gardens, directly across from Phillip's Mushroom Place
610-388-6300
Hours: Mon–Fri 10 to 5, Sat 10 to 4, Sun 12 to 5, Wed 10 to 7

The Gloves You'll Love To Wear

FOXGLOVES

"I'm a professional gardener and have used one pair throughout the gardening season of 2001. My gloves have held up and are still going strong. I can still be a gardener and have nice hands and nails."
Eileen Wadon



Available in 7 colors
See us at Booth #725
1.888.322.4450
www.foxglovesgardengloves.com

BLUESTONE PERENNIALS

Buy 2 Get Another 1 Free Sale!

Good on our entire catalog of lovely perennials, herbs, shrubs and ornamental grasses. Our family business grows and ships over 800 varieties across the country. Will we be sending some your way? Request your free color catalog today!

Bluestone Perennials
7229 Middle Ridge Road
Madison, Ohio 44057
1-800-852-5243
www.bluestoneperennials.com



We Can Deliver the Flowers!

The flower garland ***scarf***, an exclusive design of the PA Horticultural Society. Inspired by the garlands of ancient Egypt, scarf is silk satin and 36 inches square. Colors work with all apparel. White or pale blue background. Give your neckline the treatment it deserves!

$68 plus $5 shipping
(PHS Member price $60)

PHS Shoppe, 100 North 20th St - 5th fl
Philadelphia, PA 19103-1495
Phone Orders: Call 215-988-1613.
Send to:

Name _____
Address _____
City _____
State _____ Zip _____
Phone _____

PAYMENT INFORMATION

____ number of scarves ordered
❒ Check (payable to PHS)
❒ PHS Member
❒ Charge to: ❒ VISA ❒ Mastercard
Card # _____

Exp. Date _____
Cardholder Name _____
Signature _____

Make Your Web Browser Come To Life!

We've worked long and hard to make Tripleoaks.com a one-stop site for all things horticultural! Point your browser this way for info about trees and shrubs, recipies for herbs, and gardening articles by Lorraine Kiefer.





Don't stop at our website. The nursery offers:

- Rare and Native Trees and Shrubs
- Extensive Ornamental Grass Collection
- Hundreds of varieties of Herbs
- Unusual Carniverious Plants
- Bulbs
- Unusual gifts
- Full Service Garden Center

And don't forget, we carry many PHS Gold-Medal winning plants every year.

Triple Oaks Nursery & Herb Garden - Delsea Drive - Franklinville, NJ (856)-694-3696
www.tripleoaks.com

Spiranthes Cernu

A Native Orchid for Everyone

By Janet Bly

For gardeners who are already making plant-shopping lists for next season, *Spiranthes cernua* 'Chadds Ford' will make a wonderful addition to any garden. Also known as fragrant or nodding ladies'-tresses, this native orchid is hardy in southeastern Pennsylvania and, better still, offers six weeks of fragrant white blooms from September to late October.

Spiranthes cernua (syn. *odorata*) is a terrestrial to semi-aquatic orchid whose native habitat includes marshes, swamps, and wet woods from Eastern Canada to Florida and as far west as Texas. *[Note—there is some confusion in the trade as to its true species name, so if shopping for the plant, make sure to find the cultivar 'Chadds Ford'.]*

The name *Spiranthes* is derived from two Greek words: *speira* or spiral, and *anthos* or flower. Its common name, fragrant ladies'-tresses, refers to the appearance of the spikes in bud which resemble hair plaits. 'Chadds Ford' is a clone of a plant rescued in the late 1960s from a ditch in a Delaware residential development. Not long after this inauspicious beginning, the American Orchid Society recognized the excellent qualities of this plant, awarding Certificates of Cultural Merit in both 1973 and 1999.

My interest in this plant stems from an article by Barry Glick of Sunshine Farm about 'Chadds Ford'. As an aspiring orchidist, I was intrigued by the idea of a hardy native orchid that would not take up already-scarce growing space under lights during the winter. On the lookout for 'Chadds Ford', I snagged one at a local orchid auction late last winter.

By the time April rolled around, I was able to separate three plants from the pot. I presented one to my auction partner and set the others about a foot apart in a patio bed that had been enriched with humus and cow manure. While 'Chadds Ford' is advertised for "sun or shade in a moisture-retentive soil," I hedged my bets, opting for a spot that received morning sun and afternoon shade. During the summer, the plants formed small 8-inch round mats of basal foliage. In late August, each plant sent out a half-dozen green spikes bearing three to six slender leaves on the lower part of the stem. These 10- to 14-inch spikes held buds arranged in a twisted spiral around the top third of the spike.

Finally, in mid-September, delicate white flowers began opening at the bottom of the spiral, with blooms gradually moving up until the full spiral was in flower. The tubular flowers have two lips and are held at right angles to the stem. While the individual flowers are small (about a half inch), each spike holds 30 or more blossoms that remain in bloom until early November. Both the spikes and flowers are attractive, and the vanilla-like fragrance—particularly noticeable on a warm fall day—is simply wonderful.

Despite its orchid lineage, the culture for 'Chadds Ford' is remarkably easy. Since the genus *Spiranthes* is found largely in damp situations in the wild, wet feet are not an issue. However, they tolerate a normal garden situation as well, at least in my experience. With the regular rainfall during most of this past summer, I didn't feel a need to provide supplemental moisture, and the plants seemed quite happy. While 'Chadds Ford' appears immune to most pests, slugs

a 'Chadds Ford'



Photos by Jerry Pavia

Sources

Plant Delights Nursery
Raleigh, NC
(919) 772-4794
www.plantdelights.com

J. Franklin Styer Nurseries
914 Baltimore Pike
Concordville, PA
(610) 459-2400
www.styers.com

Sunshine Farm
Renick WV
(304) 497-2208
www.sunfarm.com

White Flower Farm
Litchfield, CT
(800) 503-9624
www.whiteflowerfarm.com

did nip off a few spikes in mid-growth. Circles of sand around the plants proved an effective deterrent for this problem.

Left alone, 'Chadds Ford' will colonize readily, spreading through stoloniferous roots. Pleased with its performance in the trial spot, I decided to pot up divisions in November. I lifted the two original plants and dunked them in a pail of water to remove the soil. From each mother plant, I was able to easily pull apart nine basal rosettes with healthy root growth. So, I now have 18 *Spiranthes* wintering under lights (so much for saving indoor growing space). With a little attention and luck, each pot will host two or three plants by spring so that I will have plenty to try next year in a sunnier spot. I think I will put them in front of fall-blooming anemones, as well as in a shady berm, nestled with *Trycirtis*, *Aruncus aethusifolius*, hostas, and ferns. I'll also replant some near the patio where the late bloom and fragrance can be easily enjoyed.

On the chance that I was the last to learn about this lovely plant or that there were problems that I had not noticed, I checked with Mike Owen, formerly with Longwood Gardens, who agrees that 'Chadds Ford' is "tough as nails" as well as underused in gardens. Longwood grows it in pots for the Fern Walk display in September and also has planted it in a naturalized setting in Pierce's Woods. Mike suggests the only particular cultural requirements (aside from ample moisture and a moisture-retentive soil) are that, in summer, the basal foliage be exposed to light and not overwhelmed by neighboring plants, and, in winter, take care to avoid stepping on the fragile rosettes that persist throughout the cold months. Mike also indicated that the plant forms numerous viable seeds, so that in a hospitable environment, self-seeding can be expected.

At the Mt. Cuba Center for the Study of Piedmont Flora in Centreville,



Please Visit Us at The Philadelphia Flower Show, March 3rd – 10th

BARTLETT®

BARTLETT TREE EXPERTS

www.bartlett.com

Corporate Offices
1290 East Main Street, Stamford, CT 06902
(203) 323-1131 or 1-877-BARTLETT
and other offices throughout the United States, Canada, Ireland and the United Kingdom

Innovators in Plant Care: Guided by The Bartlett Tree Research Laboratories, Charlotte, North Carolina

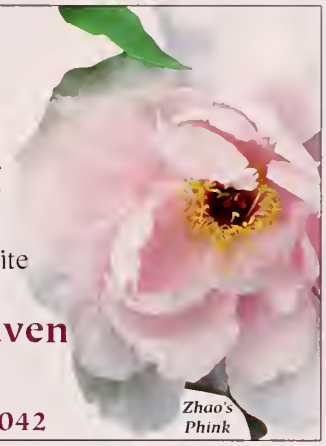
Delaware, 'Chadds Ford' has been grown in both greenhouse and garden situations since 1984. Greenhouse manager Philip Oyerly, whose 'Chadds Ford' specimen received the most recent American Orchid Society award, confirms that it is a desirable plant whose merits have been overlooked by many gardeners. Mt. Cuba's only problem with 'Chadds Ford' in a garden setting has been hungry mice during winter. Oyerly suggests that orchids' notoriety for demanding cultural requirements has probably limited interest in native orchids such as this one.

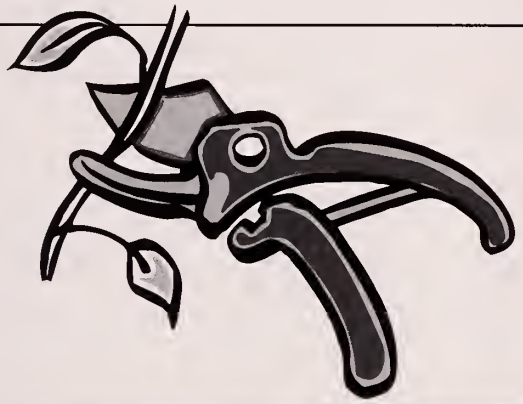
'Chadds Ford' is not just for suburban gardens, either. In Center City gardens, where every plant has to earn its keep, the details of the plant can be easily appreciated and its long bloom period is welcome in a small garden room. Conversely, a broad sweep in a woodland setting or in shady borders provides a beautiful display amidst other fall-blooming plants. And, for sunny perennial beds where its height may reach 3 feet with adequate moisture, 'Chadds Ford' supplies an elegant and unusual complement to the standard fall show. Finally, following the examples of Longwood and Mt. Cuba, 'Chadds Ford' is a good candidate for pots, with the added bonus of being able to bring it indoors to enjoy the bloom and fragrance.

All in all, *Spiranthes cernua* 'Chadds Ford' is a terrific plant and well worth a hunt. Not only will your efforts be rewarded with a wonderful fall display, but you'll probably be the first in your neighborhood to show it off.

Janet Bly is a garden writer from Wynnewood, PA

Chinese Tree Peonies
Antique Flowers Unrivaled in Beauty
They are the National Flower of China and were recognized 1400 years ago as the premier flower. See them in bloom and you will understand that the passage of time has no meaning in knowing their beauty. Grows in Zones 4-9. Visit our website or write for our **color catalog - $3.**
Cricket Hill Garden–Peony Heaven
670 Walnut Hill Road, Dept. GS
Thomaston, CT 06787
Shop online: www.treepeony.com • tel. 860-283-1042





PRUNING PROBLEMS ?
Please visit my website for all your pruning questions at:
www.pruningmatters123.com
or fax your questions to me, Fran West at:
410-332-0270
I specialize in pruning shrubs and small trees.

Transform your Yard into a Personal Paradise
Many services Avant Gardens offers include:
- Landscape design and ornamental plantings
- Ponds, fountains and waterfalls
- Specialized gardens including herb gardens, perennial borders, shade and fern gardens, English cottage gardens and naturalized wildflower gardens

Avant Gardens also covers a variety of outdoor construction services:
- Masonry such as flagstone patios, walks, steps and garden walls of stone
- Brick and belgian block walkways
- Decks, trellises, arbors and play structures
- Ambient and safety lighting
- Stone installation, cleaning and renovation

AVANT gardens
Garden Design & Construction
Call 215-634-6332 for a free consultation

SAVORING HERBS

The Victorian Language of Herbs and Flowers

A gift of flowers speaks a universal language of love, friendship, congratulation, or condolence, offered whenever words fail to adequately express an emotion. The art of communicating with flowers reached its height during Queen Victoria's reign, when exchanging "tussie-mussies" became the rage. A tussie mussie—usually made to send discreet messages of love—is simply a small nosegay or hand-held bouquet made from fresh or dried flowers and edged with paper frill or greens. Sounds easy enough. Victorians, though, chose each flower carefully for its significance, consulting special dictionaries of plant symbolism, such as "Flora's Dictionary," published in 1829 by Elizabeth Washington Wirt (thought to be the first American plant dictionary).



Alan Detrick

For an updated version, check out Kathleen Gips's 1990 book, *Flora's Dictionary: The Victorian Language of Herbs and Flowers.* With Gips's book as a guide, a Loveland Colorado citizen's group planted a Peace Garden during the Persian Gulf War. But however you use the language of flowers—in a tussie-mussie sent to a friend in need or made to carry at a wedding—attaching a card explaining the meaning of the plants you have selected will add to the impact. Here are some sentiments associated with popular herbs: sweet woodruff (be cheerful and rejoice in life); lemon thyme (enjoyable activity); sage (esteem); and rosemary (remembrance).



By Alexandra Basinski

To make your own tussie-mussie, choose a theme and select plants for their symbolism. Here are some examples from Lesley Bremness's *Complete Book of Herbs.*

FOR A BRIDE:

Around a pale-pink "New Dawn" rose (pure & lovely), wrap sprigs of mint (virtue), sage (domestic virtue), forget-me-nots (true love), golden marjoram (blushes), myrtle (love), linden blossom (conjugal love), and rosemary (remembrance). Finish with a rim of variegated ivy (fidelity). Kathleen Gips suggests adding lavender for devotion.

A GET-WELL POSY:

A scarlet geranium for the center (comfort), trimmed with lemon balm (sympathy), chamomile (energy in adversity), thyme (activity), hyssop (cleanliness), fennel (strength), and lady's mantle (protection). The disinfectant herb eucalyptus can be added to speed recovery.

FOR CONDOLENCES:

Author Kathleen Gips uses a white rose for the center (regard), pansies (thoughts of you), borage (courage), and fennel (strength).

SOURCES

Flora's Dictionary: The Victorian Language of Herbs and Flowers by Kathleen M. Gips

"A Tiny Peace Garden" by David Merrill, *The Herb Companion,* June/July 1995

Tussie-mussies: The Victorian Art of Expressing Yourself in the Language of Flowers, by Geraldine Adamich Laufer

ORGANIC MATTERS

Garden Heroes

Sometimes I think I have less of a garden and more of a multi-level nightclub and natural-foods restaurant for creatures that buzz, wiggle, fly and crawl. Insects and spiders are the predominant wildlife in this organic garden, and their relationships with my plants and each other are part of a dance so ancient and complex that I can barely hear the beat. Because 95% of the residents of my refuge are either beneficial or do no harm, I enjoy observing their striking physical forms and bizarre lifestyles as I work alongside them.

The remaining 5% are not so well behaved. They can reproduce with abandon and their multitudinous children can wreak havoc on tender greens or emerging rosebuds. Most of these pest outbreaks are prevented by common-sense organic practices, and savvy gardeners know that well-fed, well-sited and well-watered plants better resist infestations.

But even with healthy plants, we all rely on heroic insects to keep the unmannered in line. Some of these beneficial bugs are predatory, like the praying mantis. Without a doubt, these martial-art bug hunters are impressive to watch but they also tend not to discriminate between friend and foe. They snag moths, mosquitoes, and grasshoppers but are also known to eat butterflies, frogs and even (*gasp*) an occasional hummingbird that gets too close.

Ladybugs are more selective predators and dine almost exclusively on aphids. But as cute as these poster girls for beneficial insects are, their appetites pale in comparison to their larval offspring. You'll have to look closer to see these tiny, orange and black alligator-shaped crawlers as they move with speed and determination, gobbling their weight in aphids every day. With over 450 North American species, not all ladybugs look alike, but they're all beneficial except for one notable outcast—the Mexican bean beetle.

Beneficial insects aren't only bugs that eat other bugs. Some parasitize pest species. If you've seen a tomato hornworm with what looks like rows of white rice along its back, you've seen the diabolical handiwork of the tiny braconid wasp. Each rice-like egg case hatches a larva that feeds on the hornworm's body before maturing and killing its host.

Lacewings, hover flies, ground beetles, predatory mites—these are only a few of the thousands of beneficial organisms currently being used or studied to control garden pests. Some bugs even eat weeds! Purple loosestrife, an invasive wetland plant, is being controlled in some areas by a weevil that feeds almost exclusively on its leaf and root.

How do you draw these insect champions into your garden? First, don't spray pesticides or broad spectrum botanicals such as rotenone or pyrethrin. Even *Bt* and soap sprays may harm some butterfly larvae, so use them sparingly. Garden with diversity in mind and include specific plants that attract and feed beneficials such as goldenrod, which draws over 75 good bugs. Other beneficial magnets include members of the *Umbelliferae* or *Compositae* families (such as dill, cilantro, fennel, aster, daisy and sunflower). Mint and mustard family relatives are also good bets.



Rob Cordillo

Give your heroes nearby shelter in undisturbed shrub and perennial borders and try not to overtill the soil. Have a shallow water source (such as a bird bath) nearby but change it often to discourage mosquito breeding. And don't overreact to minor pest sightings—you'll need a few on hand to keep your beneficials from getting hungry and moving on to new feeding sites.

You can also buy an army of beneficials through the mail. Check out Gardens Alive! (*www.gardensalive.com*) for starters. Once released, these little mercenaries can be a little tricky to keep around, so make sure you follow the package instructions.



Writer-photographer Rob Cardillo has written for *Organic Gardening*, *Country Living Gardener*, and *Better Homes and Gardens*.

By Rob Cardillo

BEGUILING BULBS

Snowdrops: Harbingers of Spring

Those who love the "flower fairies" from Cicely Mary Barker's 1927 *Book of Flower Fairies* will nostalgically recall the Snowdrop Fairy:

"Deep sleeps the Winter, cold, wet and grey;
Surely all the world is dead, Spring is far away.
Wait! The world shall waken; it is not dead for
Lo, The fair Maids of February stand in the snow!"

Snowdrops (*Galanthus* sp.) may not appear until March here, but even a glimpse of the first buds tells us that spring is really on the way. Once established, the bulbs multiply, perhaps mutate, and stay with us forever. I have walked over an old home site in a wooded area of Chester County where blankets of common snowdrops (*G. nivalis*) and winter aconites (*Eranthis hyemalis*) were the only clue to former habitation. In examining thousands of snowdrops, it was interesting to note the amount of variation in size, vigor, and strength of markings, although all were unmistakably *G. nivalis.*



If you live in England and enjoy crawling around on the ground at this time of year, no matter how wet or windy it is—all to get a better view of the markings on the inner petals of a snowdrop—you might be able to join that group of Galanthophiles who attend annual "Snowdrop Parties." I heard about these events through an Internet bulb group from whom I received email postings. In one, I was introduced to John Grimshaw, co-author of the new book, *Snowdrops: A Monograph of Cultivated Galanthus* (Griffin Press, Maidenhead, UK), who vividly described rushing home from Africa to host such an annual party!

The book itself is just as intriguing and includes a plethora of named selections and hybrids available in England today. Each entry includes a description of its origin and interesting points, as well as technical information to assist in identification and cultivation. With over 200 gorgeous photographs, this book will bring us all to our knees to search for places to plant snowdrops in our own gardens.

Snowdrops are sometimes hard to find. In the past, so many giant snowdrops (*G. elwesii*) were ripped from the wild in Turkey and shipped to bulbs suppliers that the entire genus—garden cultivars as well as species—has been placed on the CITES list of endangered plants (for more information on this important international agreement, visit *www.cites.org*). Today, it is very expensive to import *Galanthus* from the Netherlands or England and, when doing so, each species or cultivar must be individually inspected and certified. Only the most common species and hybrids are readily available for purchase in this country.

Fortunately, via the International Bulb Society's website (*www.bulbsociety.org*), I discovered H. Lyman of Temple Nursery in upstate New York. Mr. Lyman, originally from England, grows and sells snowdrops on a *very* small scale in the U.S. and does so in the time-honored method of supplying them "in the green." The bulbs—with foliage and flowers attached—arrive perfectly packaged and ready to pop into the garden just as they come into bloom.

Last year, mine arrived in late March. The bulbs are not inexpensive, but they come in prime condition, can be enjoyed the first season down, and grow like crazy. If you feel a little "galanthophilic" after reading the Grimshaw book, you just might wish to write to Mr. Lyman for a list and begin cultivating your own passion for these exquisite late-winter bulbs.

Source

Mr. H. Lyman
The Temple Nursery
P.O. Box 591
Trumansburg, NY 14886



By Kathryn Andersen

How To Achieve A Gold Medal Garden



Start with high performance plants from Mostardi

We stock flowers, shrubs and trees that are recommended by the Pennsylvania Horticultural Society's "Gold Medal Award" Program. They are superior plants that will provide longer-lasting beauty all around your home. Stop by today to check out our incredible collection of greenery. The colors are gorgeous. The values are exceptional. And the prices are surprisingly low for such high quality. But then, that's what you should expect from Mostardi plants. They are as good as Gold!

4033 West Chester Pike (Rte.3)
Newtown Square, PA 19073
610-356-8035
www.mostardi.com

MOSTARDI
NURSERY

C.S. Heal
FARM MARKET

- Growers of Premier Garden Plants including Annuals, Perennials, Proven Winners & Garden Dahlias.
- Propagators of Zonal Geraniums.
- New Guinea Impatiens
- Hanging Baskets
- Growers of Holiday & Garden Plants
- Combination Garden Baskets

Charles S Heal Jr. & Eric Heal

visit us on the web @
www.cshealmarket.com

1607 Salem Rd.
Burlington Twp. NJ
(609)386-9422 Fax: (609)386-9635

OPEN DAILY!
Mon.–Fri. 9–5:30, Sat. & Sun. 9–5

Wintertime. **And the living is easy.**



At Foulkeways Retirement Community, no one is ever left out in the cold. Not with all the wonders that await our residents in the great indoors.

Step out of your warm and inviting apartment or spacious cottage, and join the fun and excitement in the numerous activities that Foulkeways offers, including: painting, woodworking, indoor Wimbledon, greenhouse gardening, computer training, swimming in our indoor pool, and (whew) much, much more. Stretch your mind, as well–thanks to Foulkeways' guest speakers and well-stocked library.

For more information about Foulkeways' affordable lifestyle, you're invited to call Nancy B. Gold, Director of Admissions, today at **215-643-2200.**

Foulkeways AT GWYNEDD

Foulkeways® at Gwynedd does not discriminate on the basis of race, color, religion, national origin, sex, handicap or familial status.

Visit our web site! www.foulkeways.org

1120 Meetinghouse Road •Gwynedd, PA 19436
E-mail: admissions@foulkeways.org

BEAUTY FROM BULBS



Glorious spring gardens come alive with Beauty from Bulbs

The astonishing beauty of Tulip Shirley is unsurpassable for glorious spring gardens and bouquets. A shimmering, ever-changing palate of glistening ivory-white and luscious purple, this Single Late Tulip deserves a home in your garden.

Plant an unforgettable drift of 50 of these dazzling tulips in your family's garden for the special price of $19.95 (including shipping). We will ship them to you anywhere in the continental U.S. at the proper time for fall planting.

Free 76-page color catalog!

Send for your free 76-page color catalog featuring over 700 varieties of breathtaking tulips, narcissi, fritillaria, allium, lilies and exotic flower bulbs.

- ☐ Send me a free catalog!
- ☐ Send me 50 Shirley Tulips for $19.95 (CT residents add 6% sales tax)
- ☐ Payment enclosed $_____
- ☐ Charge to: ☐ MasterCard ☐ Visa

Acct. No:_____

Exp. Date:_____

Name:_____

Shipping Address:_____

City:_____

State:_____ Zip:_____

Daytime Phone:_____

John Scheepers
23 Tulip Drive
Bantam, Connecticut 06750
Phone: (860) 567-0838
Fax: (860) 567-5323
website: www.johnscheepers.com
e-mail: catalog@johnscheepers.com

PA 20

Excellence in Landscape Design & Installation

At Burke Brothers Landscape Contractors, Inc., we believe that our team approach to creative residential landscape design, coupled with a highly trained field staff and innovative technical personnel, enables us to provide unique, artistic and superior products to our clients. We will fulfill your design wishes from the initial concept to construction implementation and landscape maintenance.



BURKE BROTHERS
LANDSCAPE CONTRACTORS, INC.

An Award Winning Landscape Development Firm
Glenside 215-887-1773 • Bryn Mawr 610-520-2025

Extend your growing season!



Easy access for carts and wheelbarrows.

Screened zippered vents improve airflow

UV resistant Rip-Stop woven polyethylene lasts 5 to 7 years.

Sturdy ground anchors.



The portable greenhouse for the garden enthusiast!



Call for a Master Catalog today! We offer high quality garden equipment and accessories at reasonable prices.

ClearSpan™ protects the best!

FLOWER SHOW SPECIAL PRICING! Mention Code Fl1600

Distributed by FarmTek® Dealer Inquiries Welcome
phone **1-800-327-6835** *fax* **1-800-457-8887**
online **www.FarmTek.com** *e-mail* **sales@farmtek.com**

Where Friendships Bloom...



Experience the community of Dunwoody Village

Wherever you are in Dunwoody Village, there's a special feeling you get. It starts the minute you enter the grounds and follows you wherever you go – whether you're strolling through the gardens, grabbing a quick bite in the commissary, or enjoying a show. It's the feeling of friendship, caring and above all, community, and it shines in all aspects of Village life, every day of the year.

DUNWOODY VILLAGE

The Retirement Community for people who enjoy living

3500 WEST CHESTER PIKE
NEWTOWN SQUARE, PA 19073-4168

CALL 1-800-DUNWOODY
or visit us at www.dunwoody.org

A Step of Faith



Choosing a new community is a big step. At PresbyHomes & Services, your step of faith will be matched by one of our own. Our residential living, assisted living and healthcare services are grounded in a faith-based commitment to provide the highest quality of care to older adults of all backgrounds and faiths. It's a commitment backed by a half-century of service.

Call today, and experience the Presby difference.

PresbyHomes & Services

A ministry to older adults by the Presbytery of Philadelphia

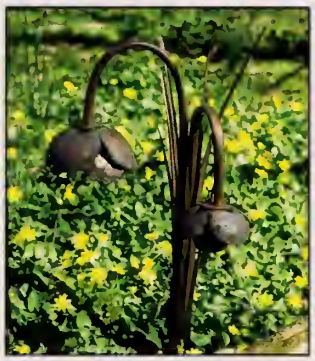
Rydal Park · Rosemont Presbyterian Village · Broomall Presbyterian Village
Spring Mill Presbyterian Village · Emily A. Markle Health Center · HUD Communities

Tollfree: 1.877.9PRESBY www.presbyhomes.org



Masterpieces for your garden







If you'd like to own finely crafted, solid copper garden lighting, visit us on-line and discover the Art of Illumination.

Escort Lighting

51 North Elm Street, Wernersville, PA 19565
Phone: 800-856-7948 Fax: 610-670-5170
(showroom hours by appointment only)
www.escortlighting.com

Classifieds

ANTIQUE BOOKS

RARE & PREVIOUSLY OWNED BOOKS ON HORTICULTURE & BOTANICAL PRINTS
- Bought and Sold
Polly Goldstein
37 Lochwood Ln.
West Chester, PA 19380
(610) 436-9796
E-mail: *GrannyPol@aol.com*

GARDEN SHOPS

MEADOWBROOK FARM
Choose from an ever-expanding variety of annuals, perennials, tropicals, native and woody plants. Be sure to see our new cactus & succulent house. Our sales room is stocked with unique garden-related gifts, fountains, statuary and colorful combination baskets. Great horticultural gifts including bonsai and troughs. Tours for horticultural groups offered April-October, call for details. Visit us soon and often and become excited about plants!
MEADOWBROOK FARM
1633 Washington Lane
Meadowbrook, PA 19046
Mon-Sat 10-5
(215) 887-5900
10% Discount to PHS Members presenting Membership card

MARANO GARDENS, LLC
(formerly Fort Washington Garden Mart)
A family owned garden center serving the area since 1960, offering an extensive selection of plants and containers.
- Beautiful hanging baskets, mixed garden containers.
- Dwarf conifers and alpine troughs.
- Culinary and medicinal herbs.
- Cutting edge annuals, tropicals and perennials, including the **Beds & Borders** line.
- Ornamental trees and shrubs, emphasizing native varieties and PHS Gold Medal winners.

MARANO GARDENS, LLC
488 Bethlehem Pike
Ft. Washington, PA 19034
215-646-3336
Minutes north of Chestnut Hill, or 4 miles from the Blue Route.

Jerry Fritz Garden Design, Inc.
Presents Linden Hill Gardens
Featuring an extensive collection of cutting-edge plants from the world's most respected nurseries

Exceptionally Planted Earthenware
Source for 2002 Gold Medal Winners
10% Discount for Cardholding Pennsylvania Horticultural Society Members

Phone for our Spring Schedule of Behind-the-Scene Tours, Garden Walks, and Plant Events

8230 Easton Road (Route 611)
Ottsville, Bucks County
Pennsylvania 18942
phone: 610-847-1300 fax: 610-847-1324

BONSELL'S NURSERY
Choose from our large selection of high quality trees, shrubs, and perennials, many grown at our nursery. Including 2002 Pennsylvania Horticultural Society Gold Medal Winners
Physocarpus o. 'Diablo'
Buxus 'Vardar Valley'

Conveniently Located near 309 & the PA turnpike.
Winter hours by appointment.
Open daily starting April 1st.
1245 Fort Washington Ave.
Fort Washington, PA
215-643-2418

VISIT OUR GREENHOUSES ... Colorful African violets, baskets designed, decorated to order. Unusual centerpieces for all occasions. Blooming Phalaenopsis Orchids. TINARI GREENHOUSES, 2325 Valley Road, Huntingdon Valley, PA 19006
215-947-0144. Open 8 to 5

GARDEN STRUCTURES

HANDCRAFTED IRON GARDEN STRUCTURES
Arbors, Trellises, & Gates
in the tradition of elegance, beauty and permanence.
Full Color Catalog $3
The Painted Garden, Inc.
304 Edge Hill Road
Glenside, PA 19038
(215) 884-7378

HERITAGE STONE & MARBLE
We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship. FLAGSTONE, BRICK patios and walkways, COBBLESTONE edging and paving, STONE walls, RETAINING walls, MARBLE, GRANITE floors, walls, countertops.
(215) 699-5611 **Upper Gwynedd, Pa.**

GREENHOUSE CONSTRUCTION
Sales and Service
Janco, Lord & Burnham and more.
Call Robert J. LaRouche at
Glass Enclosures Unlimited
(610) 687-2444

THE SUNWORKS CORPORATION
- Greenhouse Sales: Residential, Commercial and Institutional.
- Installations: Of greenhouses from any manufacturer, shading and ventilation systems.
- Maintenance: Reglazing, reskinning, painting, cleaning. Emergency repairs.

Call **(302) 655-5772**, ask for John Klein

HELLEBORES

HELLEBORE OPEN HOUSE
MARCH 23, 2002, 10 AM-3PM
Carolyn's Shade Gardens in Bryn Mawr, PA
See hellebores in bloom in our gardens.
8 hellebore species and a wide selection of *Orientalis Hybrids* available for sale.
Call 610-525-1661 for plant list and directions.

LANDSCAPE DESIGN

Burke Brothers
Landscape Contractors, Inc.
A PROFESSIONAL DESIGN/BUILD FIRM
Experts in Landscape Renovation, Naturalistic and Classic Formal Gardens. Landscape Construction, Unique Patios, Terraces, Creative Stone Work, and Landscape Lighting.
Major Award Winning Exhibitor
Philadelphia Flower Show.
610-520-2025 215-887-1773
www.burkebrothers.com

S. Edgar David and Associates
Landscape Architects
Site planning and Garden Design

Outdoor Spaces, Lighting, Pools, Ecological Restoration

Transforming the landscape with innovative solutions

Design Studio **610-584-5941**

LINDA CORSON
LANDSCAPE DESIGN
•Consulting
•Plans
•Supervision
Registered Landscape Architect
Member ASLA **215-247-5619**

David Brothers Landscape Services
Bean Road Nursery
Architects, Builders and Nurserymen
Providing the Fine Art of Garden
Construction and Landscape Restoration
(215) 247-2992 (610) 584-1550 (610) 525-3232

Environmental Landscape Associates, Inc.
• Landscape Architects & Contractors
• Formal/Period/Naturalistic Gardens
• Creating outdoor living spaces of distinction
• Master Plans/Phased projects
• Let us make your desires become reality
P.O. Box 2191 Doylestown, PA 18901
Toll Free: 1-800-ELA-9252

LANDSCAPE MAINTENANCE

ANDREW C. BECK
LANDSCAPE MAINTENANCE
A Dependable Source for All Your Landscape Needs.
Serving CHESTNUT HILL & MONTGOMERY COUNTY
• Lawn Mowing • Garden Care, Mulching, Planting
• Tree & Shrub Pruning
• Organic Fertilization & Aeration
• Spring & Fall Clean up
• Property Management
Insured 215-233-9401 References

MULCH

PINE NEEDLE MULCH
Won't change soil pH
Wholesale and retail
FLOWERS BY THE YARD
610-701-9283
renee52@erols.com

RESTORATION

REED'S WOODS, INC.
QUALITY WORK AT A FAIR PRICE
Custom Builder
Restorations, Remodeling
Greenhouses
Springhouse Restorations
Decks, Carpentry & Landscape Structures
Jamie Reed
2125 Bodine Road
Malvern, PA 19355
(610) 827-9663

TRAVEL

Come to England
Stay with us in our idyllic tranquil home and enjoy personally guided visits to wonderful Private and Public Gardens.
Very small groups. En suite rooms.
Delicious food.
Overseas guests met at Heathrow.
Details
www.gardensofsomerset.homestead.com
Or 011-44-984-667202

TREE SERVICE

TREE TRANSFERS, INC.
Large Tree Transplanting and Sales
Machine and Specialized Hand Digging
Dealers and Locators of Large Horticultural Specimens
Mature Screening and Shade Trees
Assessing and Renovating Mature Collection and Estate Gardens
Plant Material Purchased
(215) 635-2310

Tree Transplanting & Sales
• Machine & hand digging
• Supply & install specimen plants
• Locate/Purchase mature trees
• Why Wait for mother nature?
Environmental Landscape Associates, Inc.
P.O. Box 2191 Doylestown, PA 18901
Toll Free: 1-800-ELA-9252

UNUSUAL SPECIMENS

HOSTA
Over 100 varieties
Assorted perennials,
Ferns, shade plants.

Michael's Country Nursery
165 Tuckertown Road
Medford, NJ
856-983-6512

RARE & UNUSUAL PLANTS
• Specimen plants • Pond plants • Bonsai
• Orchids • Hardy cacti • Tropicals
• Sculptured trees and shrubs • Perennials
• Unique Flower and gift shop.
MUTSCHLERS' FLORIST & RARE PLANTS
1-800-242-9438
www.mutschlers.com



Buy where the professionals buy!
Order the highest quality flower bulbs at the lowest prices from Van Engelen's Wholesale Price List for fall planting.

Send for your free catalog featuring:

* Tulips	* Hyacinths
* Daffodils	* Iris
* Exotic Bulbs	* Muscari
* Crocus	* Paperwhites
* Lilies	* Amaryllis

Special Offer
100 Mammoth Darwin Hybrid Tulips
These huge, colorful tulips are terrific for both display and cutting! Shipped by UPS at the proper time for fall planting. Only $19.95!

☐ Please send me a free catalog.
☐ Please send me 100 Mammoth Darwin Hybrid Tulips for $19.95. (CT residents add 6% sales tax.)
☐ Payment enclosed: $ _____
☐ Charge to: ☐ Master Card ☐ VISA
Account #: _____
Exp. Date: _____
Name: _____
Mailing Address: _____

Shipping Address: _____

City: _____
State: _____ Zip code: _____
Phone Number: _____

Van Engelen Inc.
23 Tulip Drive
Bantam, Connecticut 06750
Phone: (860) 567-8734
Fax: (860) 567-5323
PA 20

A Victorian Secret

While Queen Victoria may not have been known for her effervescent personality, the artistic side of Victorian culture was far different. Though society was outwardly restrained, the arts were marked by deep romance, mystery, and subtle pleasures of the senses.

Here in Philadelphia, the Pennsylvania Horticultural Society indulged its creative side at the time through glorious flower exhibitions at its headquarters, Horticultural Hall. Its premier event was a large fall show, but there was also a wonderful spring show, timed to kick off the gardening season, much in the same spirit as today's Philadelphia Flower Show. Here are some highlights from the Show's history during the last third of the 19th century.

April 1871. Several new plants made their debut at this year's Spring Show. PHS treasurer and local plantsman Henry A. Dreer (pictured below) exhibited *Anthurium scherzerianum*, commonly known today as flamingo flower. These days, this plant often turns up in cut-flower arrangements, but in hindsight, it illustrates the passion of those normally reserved Victorians for gaudy hot-house tropicals.

December 1871. At this month's meeting, a motion was passed to eliminate *monthly* exhibitions (much to the delight, we're sure, of the Shows department), and instead concentrate on "four grand displays each year." PHS members "in good standing" were to receive two tickets of admission, and non-members would be charged a whopping 50¢. This was the first alteration of PHS exhibitions since its first show in 1829.

January 1881. On the morning of Monday, January 31st, the original Horticultural Hall on the corner of Broad & Lardner (now called Manning St.) was damaged in a fire. PHS's secretary at the time noted that the loss of "the Library, Fixtures, and Furniture...was $514.70." The Hall was repaired and reopened a year later.

March 1892. What plants were they exhibiting at the Spring Show 110 years ago? According to a plant list from that year's event, the display included "cyclamen, callas, anemones, primulas, English daisies, primroses, marguerites, pansies, and zonale geraniums." (Ominously, the minutes also noted that "there was no fruit display.")

May 1893. On the 27th, Horticultural Hall burned again, and this time it was completely destroyed. As a result, the fall Chrysanthemum Shows during the next few years were held variously at the Armory on Broad Street, the Academy of Music, and the Pennsylvania Academy of the Fine Arts. The Spring Show, meanwhile, was cancelled in 1894, due to the fire as well as lack of profits.On January 1, 1894, PHS's bank balance was a paltry $26.25.

August 1895. At a ceremony on the 15th, the cornerstone of the rebuilt Horticultural Hall was laid at the same location, its construction paid for by insurance money and the issuing of bonds.

PHS vice-president Dr. J. Ewing Mears gave a speech, noting, "We are assembled here today to perform a ceremony....of sufficient importance, not only to members of the Horticultural Society whose home this building is to become, but also to the community at large." Interestingly, his comments foreshadowed PHS's present-day mission, which is to "improve the quality of life and create a sense of community through horticulture."

March 1899. At the monthly meeting, president Clarence H. Clark announced that the new building was finally complete. Despite two fires and financial problems during the previous two decades, the Pennsylvania Horticultural Society's Spring Show had resumed and soon blossomed into the 20th century, growing decade by decade ever since.

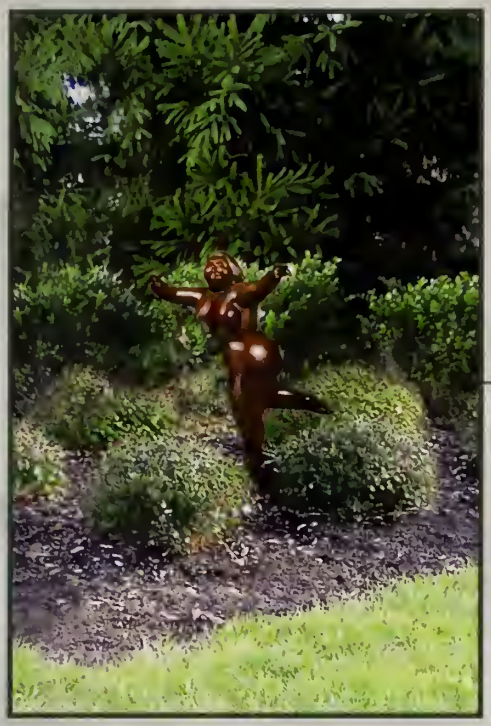
Over 100 years later, we know this event as the world-famous Philadelphia Flower Show, but its purpose remains precisely the same—to provide its visitors with a wondrous gust of spring beauty and fragrance, long before the daffodils begin to bloom outside.

By Pete Prown









"Nocturne"
Limited Edition Bronze • 1997
By Barbara Chen

Philadelphia Flower Show First Prize Winner for Marketplace in 1996, 1999 and 2000.

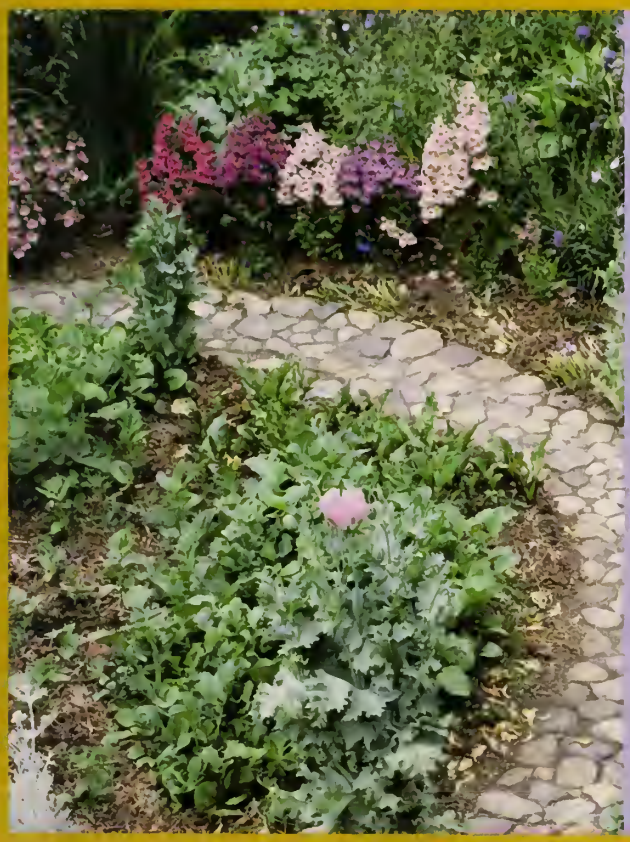
Antique & Contemporary Ornaments for the Connoisseur's Garden

A unique collection of over 3,000 items from around the world — including fountains and limited edition bronze sculpture by these distinguished artists:
• David Goode • Susan Luery • Lorann Jacobs • Jim Ponter • Phil Kaufman
• Charlotte Stokes • Marian Flahavin • Else Martinus Chapman

Elizabeth Schumacher's
Garden Accents
BEST of PHILLY
1996 ★ 1998 ★ 2000

4 Union Hill Road
West Conshohocken, PA 19428
610 . 825 . 5525
www.garden-accent.com
Hours: Tues-Sat • 10:00 - 5:00 pm

Mention this ad to receive your free portfolio. GS



PRIMEX
GARDEN CENTER
435 W. Glenside Avenue Glenside, PA 19038 215 887 7500

Bringing you the best in personal service and knowledge for over 59 years. Gardening enthusiasts and landscape professionals throughout the area have come to depend on Primex for an outstanding selection of horticultural products. Come find out why!

February Hours
Monday - Friday 8:00-5:00
Saturday 10:00-4:00
Closed Sunday

Hours after March 4th
Monday - Friday 7:30-6:00
Saturday 8:00-5:00
Sunday 10:00-4:00



Proprietary Research | Unparalleled Investment Experience | **Personalized Service** | Networking Opportunities | Estate Planning

We understand that while all investors may share the same basic goal, how you achieve your goal differs. Our low client-to-advisor ratio ensures you get the care, time and attention to detail you expect. Plus, our Women's Financial Services Network offers seminars to help you make better-informed decisions. All of which helps you reach the most important goal of all. Your future. For more information, call **1-800-PNC-7003**, or visit **www.pncadvisors.com**.

PNC ADVISORS

The Thinking Behind The Money℠

©2000 The PNC Financial Services Group, Inc. PNC Advisors is a service mark of The PNC Financial Services Group, Inc., for investment management, banking and fiduciary services.

THE PENNSYLVANIA HORTICULTURAL SOCIETY APRIL 2002 • $5.00

GREEN scene



A World of Clematis

Roses All Season Long

Celebrating Park Partnerships

Winner—Best in Show
2002
Philadelphia
Flower
Show

Looking for creative & unique landscaping?











J. Franklin Styer Nurseries

1890

Go to the experts & see the difference!

LANDSCAPE & DESIGN SERVICES

Design • Installation • Maintenance • Residential • Commercial

Registered Landscape Architects & Designers

914 Baltimore Pike, Concordville, PA 19331

610.459.2400 • www.styers.com



LECTURES • CONSULTATIONS • CONTAINER GARDENS

725 NEW ROAD • CHURCHVILLE, PA 18966 • 215-953-5865

Cathedral Village

22 Years of Achievement

Committed to...

Resident Satisfaction...starting with our own dining program that offers flexibility, choices, and a distinctive presentation of meals prepared by our Executive Chef, a graduate of the Culinary Institute of America in New York.

Creativity...which is reflected in the vibrancy of our award-winning retirement community. The atmosphere at Cathedral Village is frequently compared to a vacation resort.

Innovation...which has resulted in our trend-setting Health Club and Fitness Program, our expansive Greenhouse and Horticultural Program, and much more.

Vision...an on-going process that anticipates changing trends in future residents' expectations and establishes tomorrow's new standards. Our vision has earned us certification as a Retirement Resort™, our reward for not accepting the norm.

Value...which has earned us a reputation of providing more types of care and services for your dollar than any other community. Compare and see what real value means!

Visit us Monday through Friday between 9 a.m. and 4 p.m.
Appointments are encouraged for weekdays and are necessary on weekends.

Cathedral Village

600 East Cathedral Road, Philadelphia, Pennsylvania 19128
(215) 984-8622 Website: www.cathedralvillage.com

A Nonprofit, Nondenominational CCRC

Equal Housing Opportunity

Affiliated with the Jefferson Health System

Contents

FEATURES



10 A World of Clematis
Join Jeff Jabco for a look at the many species of clematis growing at the Scott Arboretum of Swarthmore College. While 'Jackmanii' is a beauty, to be sure, there are many other clematis in this genus worth your attention. Here are a few of the best.

16 An Inspired Kitchen Garden
For those who like to cook as well as grow, the kitchen garden is an indispensable part of one's property. Writer/photographer Derek Fell couldn't agree with this sentiment more. Here, he gives us a personal tour through his magnificent kitchen garden in the wilds of Bucks County.

22 People, Parks and Partnerships
How do you create thriving urban parks that become energetic centers for their neighborhoods? The answer is *partnerships*. In this article, Jane Carroll details the intricate, lasting relationships between residents, city officials, and the Pennsylvania Horticultural Society that are helping revitalize Philadelphia's many parks. Like many other great city gardening stories, this one is a tale of "people power."

28 Roses, Roses . . . and More Roses!
As many gardeners know, there are never *enough* roses. Just ask Reggie and Frank Thomas, rose-gardeners extraordinaire. In their garden, there are roses everywhere—on fences, on trellises, and even growing over a large part of their house. Better yet, Reggie and Frank's roses are in bloom for over seven months a year, from May through November. How do they maintain such a constant stream of rose blossoms? Let's find out....

COLUMNS

36 Savoring Herbs: *South of the Border*
by Alexandra Basinski

37 Organic Matters: *Lawn Order*
by Rob Cardillo

38 Beguiling Bulbs: *A Spanish Holiday*
by Kathryn Andersen

42 Classified Ads

44 Backyard: *Tulips for the Teacher*
by Jane Carroll

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

Cover Photo of *Clematis* 'Nelly Moser' *by Pete Prown*

PRINTED ON RECYCLED PAPER

GREEN scene

Editor
Pete Prown

Associate Editor
Jane Carroll

Publications Assistant
Laurie Fitzpatrick

Art Design
Baxendells' Graphic

Publications Committee
Stephanie Cohen
Alan Detrick
Linda Detrick
Beverly Fitts
Anne Kellett, *ex officio*
Adam Levine
Jennifer Lin
Marby Sparkman
Bill Stieg
L. Wilbur Zimmerman

Printer
ALCOM Printing Group, Inc.

THE PENNSYLVANIA HORTICULTURAL SOCIETY

100 N. 20th St.
Philadelphia, PA 19103-1495
(215) 988-8800

Chair
Anne Kellett

President
Jane G. Pepper

Executive Vice President
J. Blaine Bonham, Jr.

PHS Membership Information
Linda Davis, (215) 988-8776

Display Ads
Kim Richards at Manzo Communications, (610) 527-7047 *kim4manzocomm@aol.com*

Classified Ads and Subscription Services
Laurie Fitzpatrick, (215) 988-8769
lfitzpat@pennhort.org

Ask A Gardener Phone Line
(215) 988-8777, Monday through Friday, 9:30 to 12 *[closed in December]*
askagardener@pennhort.org

Web Site
www.pennsylvaniahorticulturalsociety.org

GREEN SCENE (USPS 955580), Volume 30, No. 2, is published bi-monthly (February, April, June, August, October, December) by The Pennsylvania Horticultural Society, a non-profit member organization at 100 N. 20th St., Philadelphia, PA 19103-1495. Subscription: $16.95. Single Copy: $3.00 (plus $2.00 shipping). Second-class postage paid at Philadelphia, PA 19103. **POSTMASTER**: Send address change to GREEN SCENE, 100 N. 20th St., Philadelphia, PA 19103.

© Pennsylvania Horticultural Society, 2002

GREEN SCENE subscriptions are part of the membership benefits for:
Cox Arboretum, Dayton, Ohio
Frelinghuysen Arboretum, Morristown, NJ
Horticultural Society of Maryland, Baltimore
Horticultural Society of New York
Phipps Conservatory, Inc., Pittsburgh, PA
Staten Island Botanical Garden, Inc. New York

ROBERT MONTGOMERY LANDSCAPES

"Wedding of the Senses"





"Fruits of Our Labor"

Recognized Excellence in Design and Contracting

Beautiful homes and gardens are the expression of imaginative and functional design concepts, not merely good intentions. Our award-winning designers and professional craftsmen, specialists in all phases of landscape construction and planting, collaborate closely with you during each phase of the design/build process.

A leader in the successful design and management of large residential landscape projects in the Delaware Valley, Robert Montgomery Landscapes, Inc. assures that your property's fullest potential is realized.

ROBERT MONTGOMERY LANDSCAPES, INC.

545 East Uwchlan Avenue
Chester Springs, Pennsylvania 19425
phone (610) 594-1810

"BLENDING HORTICULTURE AND ARCHITECTURE TO ENHANCE YOUR LIFE STYLE"
INNOVATIVE DESIGN SOLUTIONS • SKILLED CRAFTSMEN • QUALITY NURSERY STOCK AND MATERIALS

Starting Over

What would you do if you had the opportunity to start your garden over? Having recently moved, I find myself in precisely that situation and, frankly, it seems more daunting than I thought. For years, I've thought about starting over and repenting for all my past horticultural sins (roses in part shade, tall plants at the front of the border, and horrifying color combinations galore). But now it's time to stop daydreaming about it and really put my new ideas into action.

My first task is to assess the new site. Where I had a small, flat area for my previous garden (pictured on page 3 of the December 2000 issue), my new "backyard" is a sloping wooded area with nary a flicker of sunlight. This raises hard questions: Do I work *with* the site and try to create a complementary woodland garden filled with shade-loving plants? Or do I work with a landscape architect to develop plans to clear some of the aged and dying trees and terrace the area for more sun-worshipping specimens? Decisions, decisions!



Since I've barely unpacked, much less decided what to do outside the back door, I'll instead canvas a few members of our PHS Publications Committee—all of them rabid gardeners—to find out what "new garden" dreams they can spin. Maybe I can pick up some good tips along the way.

Jennifer Lin, a writer for the *Philadelphia Inquirer*, gardens with her husband, Bill Stieg, also a member of the Committee. She notes, "We're serious organic gardeners and, in the past, have followed a 'survival of the fittest' approach to gardening—no sprinkler system, no pesticides, no plant food, no *nothing*. We're actually just about to start again and create a proper garden and right off the bat, I want to make sure we do it right: Bring in professionals. Enrich the soil. Add a watering system. When I think of all the money we've wasted on our hodgepodge approach, it makes sense to invest from the outset."

Bill chimes in, "I'd plant more trees in the first few years, but better calculate the future size of saplings to give them more room. I'd also do a better job improving the soil before putting in perennials and shrubs. Finally, I'd use more native plants or, better yet, take a list of Gold Medal trees and plants to the nursery and just load up!"

Echoes writer Marby Sparkman, "My answer is always the same—*lower maintenance*. To that end, my solution would be to include a broader range of flowering shrubs and small trees."

What would *Green Scene* writer Beverly Fitts do if she could start again? "If the house was in a brand new development and surrounded by only grass, I'd think first of providing structure. Where are the main and secondary focal points going to be—the front door, the back door, the patio? Then I'd add the pathways connecting the points of emphasis. Next, I'd look at placing the trees and shrubs to provide structure and privacy. Lastly, I would look at the ground level and decide where flower beds and groundcovers should go. In all, good structure and strong focal points are probably most important to me but having lots and lots of flowers is crucial, too. Unfortunately, they should come last, but like a lot of people, I put them in *first*."

Noted horticultural teacher and lecturer Stephanie Cohen actually re-did her garden a few years ago and gives us this pearl of wisdom: "I tried to do most of the 'right things.' I worked with a landscape architect and developed a master plan. But even though I spent a lot of time improving the soil, if I had to do it all again, I'd improve it even more. This is especially true for new houses—the topsoil is often quite poor. The lesson is that soil impacts everything, so make it as good as possible."

The photographic team of Alan and Linda Detrick also put an emphasis on planning. "Both Alan and I (independently) came up with the same answer: we would start with a formal master plan. Our present shade, vegetable, butterfly and perennial gardens have evolved as a result of acquiring plants that we love, but a more formal plan would have prevented the appearance of the 'new garden every year' syndrome."

And now it's back to you—what would you do differently? The good news is that you don't have to move to start a new garden. Many bold gardeners have simply revamped their current gardens—whether digging out old, ugly plants in favor of fresh, new ones or even completely redesigning the entire space. With a good plan, some elbow grease, and the will to keep your garden as fresh and creative as possible, it's never too late to start again.

Pete Brown

email: *greenscene@pennhort.org*



Pete Prown

Crabapples for All Seasons

When thinking of flowering crabapples one often pictures a tree with a stunning spring display of flowers. Conversely, others conjure up images of fireblight, leafdrop and other fungal scourges that affect the tree. The good news is that there are now many disease-resistant cultivars available that come in an amazing variety of tree forms (columnar, round, vase-shaped, etc.), heights (5 to 35 feet), and colors (foliage, flowers, and fruit). Crabapples also tolerate urban conditions including drought, salt, air pollution, and soil compaction. Given a sunny location, well-drained soil and a disease-resistant cultivar, crabapples can be an asset in most landscapes.

The flower colors of crabapples include shades of red, pink, and white, and some flowers even progress through a series of colors as they mature. On cultivars like the new Gold Medal winner *Malus* 'Adirondack', the buds start out deep red, progress to lighter shades of red over several weeks, and finally open to lovely white blossoms. The fruit of 'Adirondack' also retains its cardinal red color and persists on the tree until December. For many *Malus* connoisseurs, this long-lasting colorful fruit display is considered a greater asset than the flowers. Thus, 'Adirondack' provides year-round interest with spring flowers, disease-free summer foliage, and brightly colored fall fruit that lasts into winter.

In addition to the many red-fruited cultivars, there are now more yellow-fruited crabapples available, such as 'Bob White' (pictured below), 'Doubloons' and 'Winter Gold'. A group of five recently planted 'Winter Gold' crabapples can be seen at Penn's Landing along Columbus Boulevard across from the historic ship, The Olympia. The Pennsylvania Horticultural Society's Philadelphia Green program manages this landscape. Combine yellow-fruited crabapples with those sporting red or maroon fruit for interesting fall and winter color combinations. The persistent fruit, disease resistance, and white spring flowers make these yellow-fruited cultivars very distinctive, and the fruit contrasts beautifully with evergreens and dark colored backgrounds.

With so many interesting, disease-resistant new trees to choose from, it's time to welcome a crabapple into your garden soon.

—Marilyn Romenesko

For a very helpful chart of some of the best crabapples and their characteristics, visit: www.jfschmidt.com



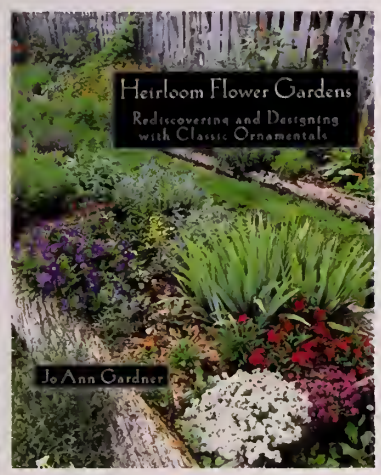
Dr. Ed Hasselkus

The Gardener's Bookshelf

Heirloom Flower Gardens: Rediscovering and Designing with Classic Ornamentals

By Jo Ann Gardner (Chelsea Green Publishing Company, 335 pp., paperback, $24.95)

Level: Intermediate
Pros: Lots of interesting history
Cons: Not enough drawings and photos



I'm so excited. We finally have a house of our own, and this spring my father-in-law will divide a portion of the *Rosa rugosa* that came from his mother's garden so I can plant it in my South Philly back yard. Our new garden will start off with some very old stock. By Ms. Gardner's definition, we will have the beginnings of an heirloom garden.

Gardner defines "heirloom" as "those plants introduced to American gardens from 1600 to 1950," which is a little broad. But in reading Gardner's book, you begin to understand the basic idea that she is quietly encouraging—"sustainability," that is, looking for what has worked in the past and going from there. Gardner shares a wealth of experience, much of it gleaned from 30 years of collecting old garden favorites at her farm on Cape Breton Island, Nova Scotia.

She has searched old homesteads for garden remnants and patches of naturalized daffodils, discovering heirloom lilacs, iris and strains of *Poeticus* daffodils—but never without first asking permission. As she explains in the "Plant Collector's Guide" section, there are rules of etiquette in plant collecting. This thoughtful guide will keep you on the straight and narrow when searching for pre-hybrid-tea "Old Roses" from neglected gardens, roadsides, and graveyards.

The book includes 93 plant portraits, which, among other pertinent facts, list the dates of introduction so you can discern whether your old garden friend is ancient or merely antique. Gardner also captures the "stored wisdom and wit of countless generations of ordinary gardeners" by including several common names for each plant.

Gardner's account of her search for the 1952 floribunda rose, 'Ma Perkins', also offers a critique of the marketplace and its relentless search for the *new*. Apparently, despite a spotless reputation, 'Ma' was replaced by a preponderance of newer (and younger) hybrid roses.

—Julie A. Snell

GARDEN NET



AND THE WINNER IS... From the National Garden Bureau comes word that 2002 has been designated as **Year of the Vinca** since these annuals provide so much garden color for such little care. Interestingly, the annual vinca is not even in the *Vinca* genus, but rather *Catharanthus* (though both belong to the same botanical family, APOCYNACEAE). By the time botanists had realized the differences between the plants in each genus, the name "vinca" had become too common to change. Regardless, the popular *Catharanthus roseus* is a charming single-petaled flower that comes in many colors, among them, pink, deep rose, red, scarlet, and the popular white with a red eye. It grows well in containers or as an edging plant, and blooms profusely from late spring through first frost. [For more information, visit the National Garden Bureau's website at *www.ngb.org*]

IT'S RAINING ACORNS. *Green Scene* reader **Joseph Dittmar** recently wrote to tell us about his love affair with acorns. He writes, "In 1972, our family moved to a new housing development, largely without trees. So I collected fruits of my favorite hardwood trees in nearby woodlands and began cultivating them, first in a basement tray of sand and then in a series of pots until they were ready to be planted outside our new house.

"One of them, a northern red oak *(Quercus borealis)*, is now 40 feet tall and this past September, it began depositing acorns on my driveway with gusto. I decided to record this event by collecting all the acorns I could find. For the next month, I collected the fruit almost daily, which at peak production, was between 500 to 600 acorns *a day*. By October 6th,

Tulips for North American Gardens

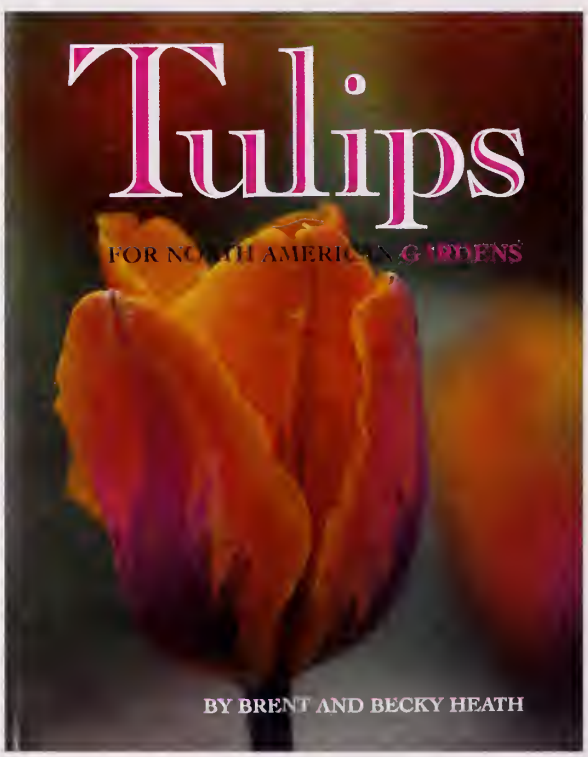
By Brent and Becky Heath (Bright Sky Press, $24.95, 144 pages)

Level: All
Pros: Very comprehensive
Cons: None

The Heaths—i.e. "Brent and Becky" of gardening-catalog fame—have given the genus *Tulipa* the same thorough going over that they perfected a few years ago in their book, *Daffodils for American Gardens.* The authors take a comprehensive look at all aspects of tulips: anatomy, culture, companion plantings, even forcing and arranging. They explain the characteristics of the 14 tulip divisions and recommend their favorites in a most valuable photo gallery.

Speaking of which, the photos are marvelous. Gorgeous close-up views feature velvety texture, exquisite form, and heart-melting color subtleties. Wider views of tulips en masse, particularly those taken in Holland trial gardens, are amazing. The photographs also make an important point: tulips look best planted in large groups of the same cultivar. When planted singly, they vie for attention like too many supermodels in a spring collection. A helpful back-of-the-book chart lists all of the authors' favorites by color, height, and bloom time. Let's hope the Heaths go on to give the rest of the bulb world the same treatment.

—Nancy Q. O'Donnell



the harvest was complete and I tallied the total: 6,860 acorns! A few of my neighbors may have wondered about my strange habits during those September evenings, but fortunately, my planting efforts of 30 years earlier have now surrounded me with so much foliage that my foraging was nearly invisible to all but those who know me well."



DRINK YOUR GARDEN. New this year from the mail-order seed company Renee's Garden are seed packets of **'East Indian' lemon grass**, which can be brewed into fragrant cups of tea. This lemon grass quickly forms clumps of gray-green leaves which can be harvested as needed. It has a lovely lemon scent and can be dried for year-round enjoyment. And as a drink, 'East Indian' can be served hot or cold and promises to "soothe the digestion, restore the spirit, and delight the tastebuds." [For more information, 888-880-7228 or *www.reneesgarden.com*]

SURFING THE RAILS. If you're looking for a new twist to your gardening adventures, **garden trains** are a booming hobby for the outdoor enthusiast. This pastime essentially combines gardening with large-gauge model trains, and its proponents install outdoor train sets into their backyard environments. Able to run all year long, these trains can be set into beautifully planted areas of small shrubs, flowers, and other diminutive landscapes. Better still, it's a great way to get your train-hobbyist partner out of the basement and into the fresh air. For more information, visit their website at *www.gardentrains.com*

Need a Visiting Doctor to Come to Your Home?

Have you experienced any of the following?



VNA HouseCalls℠ physician, Dr. Gabrielle Fish *(above, right)*

- Do you have difficulty getting to your doctor's office?
- Do you have frequent hospitalizations or go to the emergency room often?
- Are you too ill to go to the doctor's office?
- Do you want personalized attention in your home with modern medical technology?

If you've answered YES to any of these questions, please call for an assessment in your home by our 3 physicians or 3 nurse practitioners:

(215) 473-8533 *or* (800) VNA-1180

TDD: (215) 473-7323

VNA *HouseCalls*℠ services are covered by Medicare

VNA *HouseCalls*℠

VNA HouseCalls℠ is an affiliate of

The Visiting Nurse Association
of Greater Philadelphia

A Medicare certified home care provider.
Home Health Care since 1886.

BEYOND 'Jackmanii'

EXPLORING the Wide World of CLEMATIS at SCOTT ARBORETUM

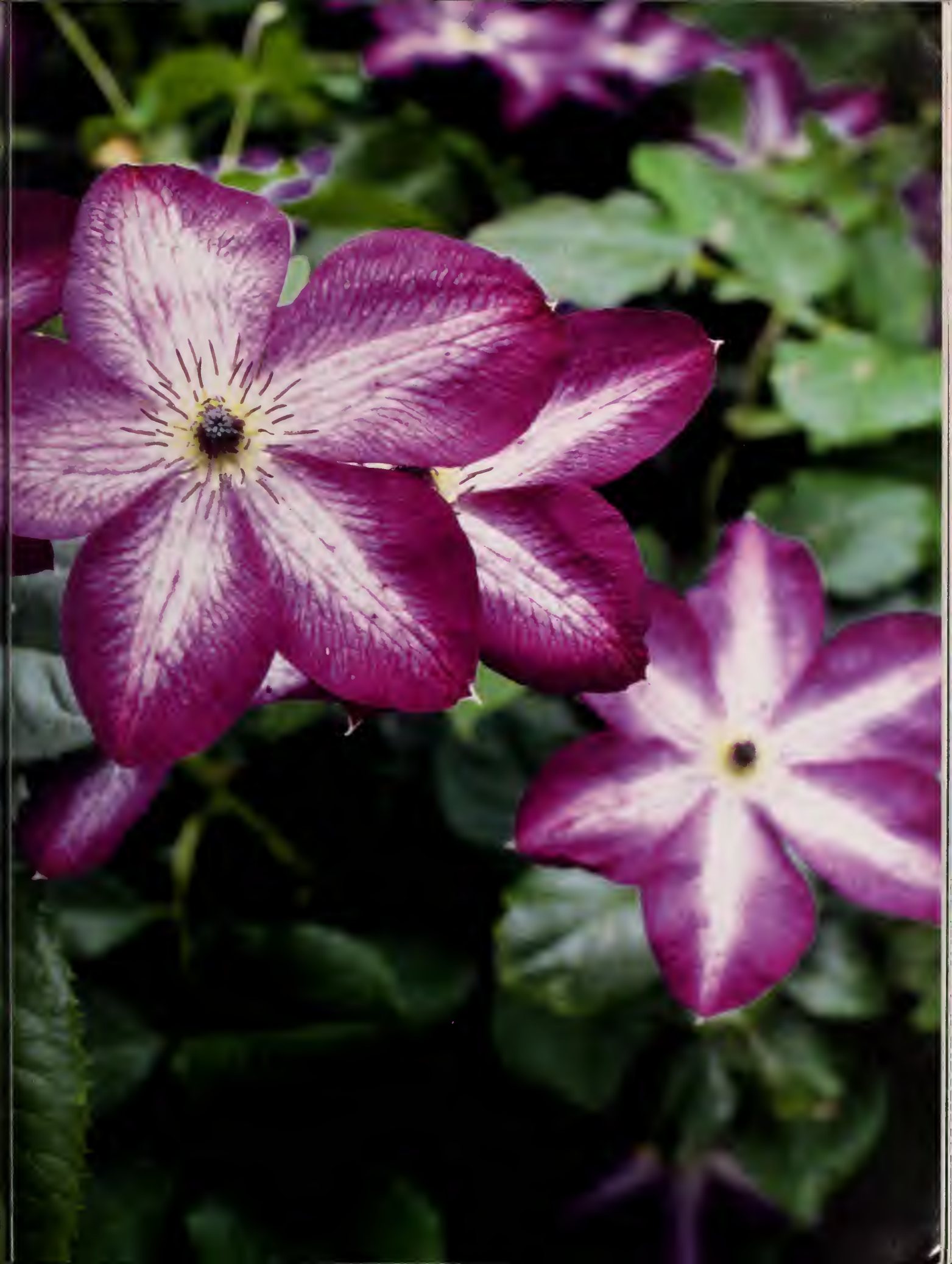
Story by Jeff Jabco Photography by Pete Prown

Most gardeners are familiar with clematis because of the ubiquitous *C.* 'Jackmanii', that purplish-blue vine that covers lampposts and mailboxes every June. But with over 250 species and hundreds of hybrids and cultivars, the clematis season can start in April and last through late autumn. Clematis flowers come in diverse colors, including pink, purple, lavender, mauve, red, white and yellow. They come in all shapes and sizes, too. Growth habit varies from lax, sprawling herbaceous plants barely reaching 2 feet, to woody vines that range in size from 4 to 5 feet to over 15 feet tall. While there are clearly lots of clematis to choose from, it is this dizzying diversity that discourages many from trying anything other than tried-and-true 'Jackmanii'.



Clematis 'Venosa Violacea'

Right: *Clematis* 'Venosa Violacea'



Clematis



At the Scott Arboretum, located on the campus of Swarthmore College, clematis are grown in many forms. Vines make up the majority of the more than 60 plants in the Arboretum's clematis collection. In the gardens surrounding Cunningham House, home of the Scott Arboretum offices, we grow clematis in several different styles. *Clematis viticella* **'Betty Corning'**—a PHS Gold Medal Award winner—has nodding, bell-shaped flowers that are pale violet and fade to almost white. The small flowers (2-1/2 inches across) are numerous but give the plant a very dainty appearance. It is also one of the few fragrant clematis. It flowers in early summer and will continue sporadically into autumn. We grow it on a wrought iron obelisk, which allows one to see through the vine to the garden beyond.

Above right: 'Betty Corning'
Below: 'Sir Trevor Lawrence'
Opposite page: 'Madame Julia Correvon'

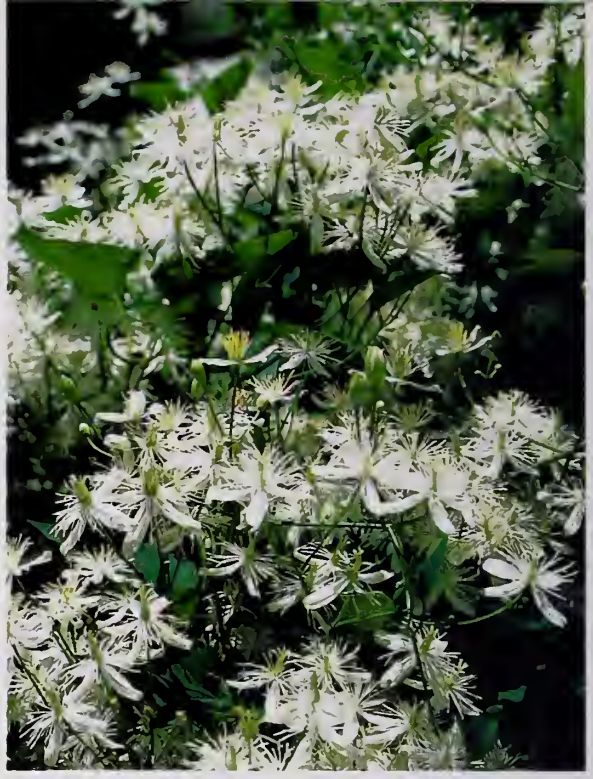


Against the creamy white wall of the building also grows **'Madame Julia Correvon'**, with glowing red flowers up to 5 inches across. The tepals (botanically, they really aren't petals) are twisted and create an open, natural-looking flower. 'Madame Julia Correvon' is a moderately vigorous climber; it is trained on a wire trellis held several inches from the wall. (Welded-wire fencing with 2-inch by 4-inch openings works very well.) Vining clematis require a smaller support (thinner than a pencil) so that the petioles of the leaves can wrap around it. Wire fencing, twine, trellises and branches of shrubs and trees are all suitable supports for clematis.

Roses and clematis make exquisite partners, especially if the flowering times overlap. In the Dean Bond Rose Garden, we have paired approximately 20 clematis with roses in that classic combination. We allow some clematis to sprawl up through large shrub roses; others intermingle with the climbing roses along the posts and chains. **'Venosa Violacea'** has tepals with dark mauve to purple edges progressing to white at the base, highlighted with violet veins running the length of the tepals. It pairs splendidly with white, pink, or even red roses. It is vigorous enough to wind its way through even the most aggressive climbing rose.



Clematis



Also in the Bond Rose Garden is *Clematis texensis* **'Sir Trevor Lawrence'**, which has vase-shaped young flowers that open into tulip-like blossoms. The tepals are dark purplish-red with bright red central bars. 'Sir Trevor Lawrence' flowers later than most roses so it gives a nice floral display after the roses have shed their blossoms.

The Cosby Courtyard Garden of Kohlberg Hall is a relatively new garden with strong structure. A stone building surrounds the garden on three sides, and in the courtyard there are stone walls, flagstone paving and six tall wooden posts running its length. Each of these obelisks supports one or two vines, creating pillars of blossoms or foliage during the growing season. A large-flowered hybrid, *Clematis* **'Ernest Markham'**, covers one obelisk, attaching itself to wires screwed into the wooden post. In June, the post is ablaze with the petunia-red color of the 4- to 6-inch-diameter blossoms.

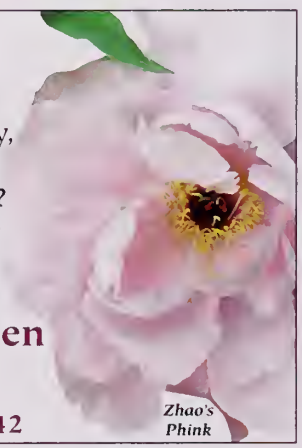
Above right: *Clematis terniflora*
Below: 'Ernest Markham'



Sweet autumn clematis, **Clematis terniflora** (syn. *C. maximowicziana*) is one of the easiest to grow. At the Arboretum it covers a wire support encircling the trunk of an old Austrian pine. In late summer, this vine is covered with small, star-like blossoms that have a distinctive, sweet-floral fragrance. This is one of the most vigorous clematis in the Delaware Valley. It should be cut back to 8 to 10 inches in late winter, but it can grow 10 to 15 feet in one season. Although the seedlings can be a nuisance, most gardeners tolerate the extra weeding in order to enjoy this flower's fragrance in September.

Another vigorous grower is *Clematis tangutica* **'Bill MacKenzie'**. This cultivar has unusual bell-shaped, nodding yellow flowers with four thick tepals that are recurved at the tip. It flowers in mid to late summer and has attractive silky, pompom seedheads that remain on the vine through autumn.

Of the low-growing type, we include ***C. integrifolia***, ***C. heracleifolia*** and ***C. recta*** in mixed borders or let them sprawl between floribunda roses and other shrubs. These herbaceous clematis, which reach

Chinese Tree Peonies
Antique Flowers Unrivaled in Beauty
Visit us during our Peony Festival, mid to late May, and you'll understand why gardeners through the centuries love them. Too busy or live too far away? Our 45 min. video, *A Stroll Through Peony Heaven* is now available, $30 postpaid. Visit our website or write for our **color catalog - $3**.
Cricket Hill Garden–Peony Heaven
670 Walnut Hill Road, Dept. GS
Thomaston, CT 06787
Shop online: www.treepeony.com • tel. 860-283-1042

Zhao's Phink

When to Prune Clematis

Aside from choosing plants from the vast clematis genus, gardeners can be daunted by the strict pruning regimen of the many clematis "groups". To simplify, pruning should be based on the flowering season of the plant.

Clematis that flower early in the season (April to June) do so on wood that grew the previous year, so any pruning done in winter or spring would remove flowers for that growing season. These plants, if they need any pruning at all, should be done immediately after flowering. Clematis that bloom in mid-to-late summer flower on new wood and require annual pruning in late winter. Without pruning, the vines would just get longer and longer, and flowers would appear only at the tips of the long stems.

The plant's vigor determines how far to cut back. Some, such as the extremely vigorous viticella group, can be pruned to the lowest pair of buds or just above ground level each winter. Many large-flowered hybrids are less vigorous, and, depending on their support structure, are pruned back several feet to a pair of healthy buds.

To learn more about clematis and its respective pruning techniques, take out one of the many books on the subject available at the PHS McLean Library at 20th & Arch Streets in Philadelphia, (215) 988-8772, *www.pennsylvaniahorticulturalsociety.org*

—JJ

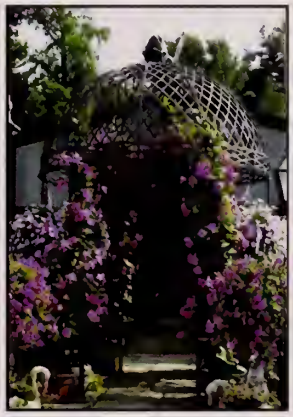
only 3 to 4 feet tall, die back to the ground each winter. They need to weave through or lean against surrounding plants for support.

The Scott Arboretum plans to expand its collection of clematis by adding new hybrids from Sweden, Russia, Estonia, Poland and Japan. We'll let many of these new vines grow through shrubs and scramble up trees, adding another dimension to the gardens of the Scott Arboretum.

Jeff Jabco is director of grounds and coordinator of horticulture at the Scott Arboretum of Swarthmore College in Swarthmore, PA. For more information, visit *www.scottarboretum.org*

All Seasoned Gardeners
Just-N-Time Farm
6776 Upper York Road, P.O. Box 156
Solebury, PA 18963
215-862-5153
Professional Landscape Gardeners
Garden Design Installation & Maintenance
Has An
EARTHY OBSESSION
❀ Formal Gardens
❀ Cottage Gardens
❀ Intimate Garden Rooms
❀ Natural Woodland Settings
❀ Horticultural Consultation
❀ Best Quality Plant Materials
❀ Spring & Fall Clean-ups
❀ Problem Area Improvement
Lush Inventive Designs
Magnificent Basket, Container & Living Wreath Plantings
Custom Designed maintenance Programs To Meet Your Needs
❀ 215-862-5153 ❀

A Visit to Meadowbrook Farm
WILL DELIGHT YOUR SENSES!
An inspirational place for your home and garden...ask our experts for ideas! We offer Superior quality and an unusual selection of:



- Annuals & hanging baskets
- Trees & shrubs including Gold Medal Plants
- Perennials, native plants & alpines
- Begonias, cactus & succulents
- Statuary, fountains & decorative pots
- Garden related gifts including bonsai, troughs & topiary
- We offer tours for horticultural groups April-October. Call for more information
- 10% discount to PHS members

Meadowbrook Farm
1633 Washington Lane • Meadowbrook, PA 19046 • (215) 887-5900



Author with the lettuce 'Black S. Simpson'

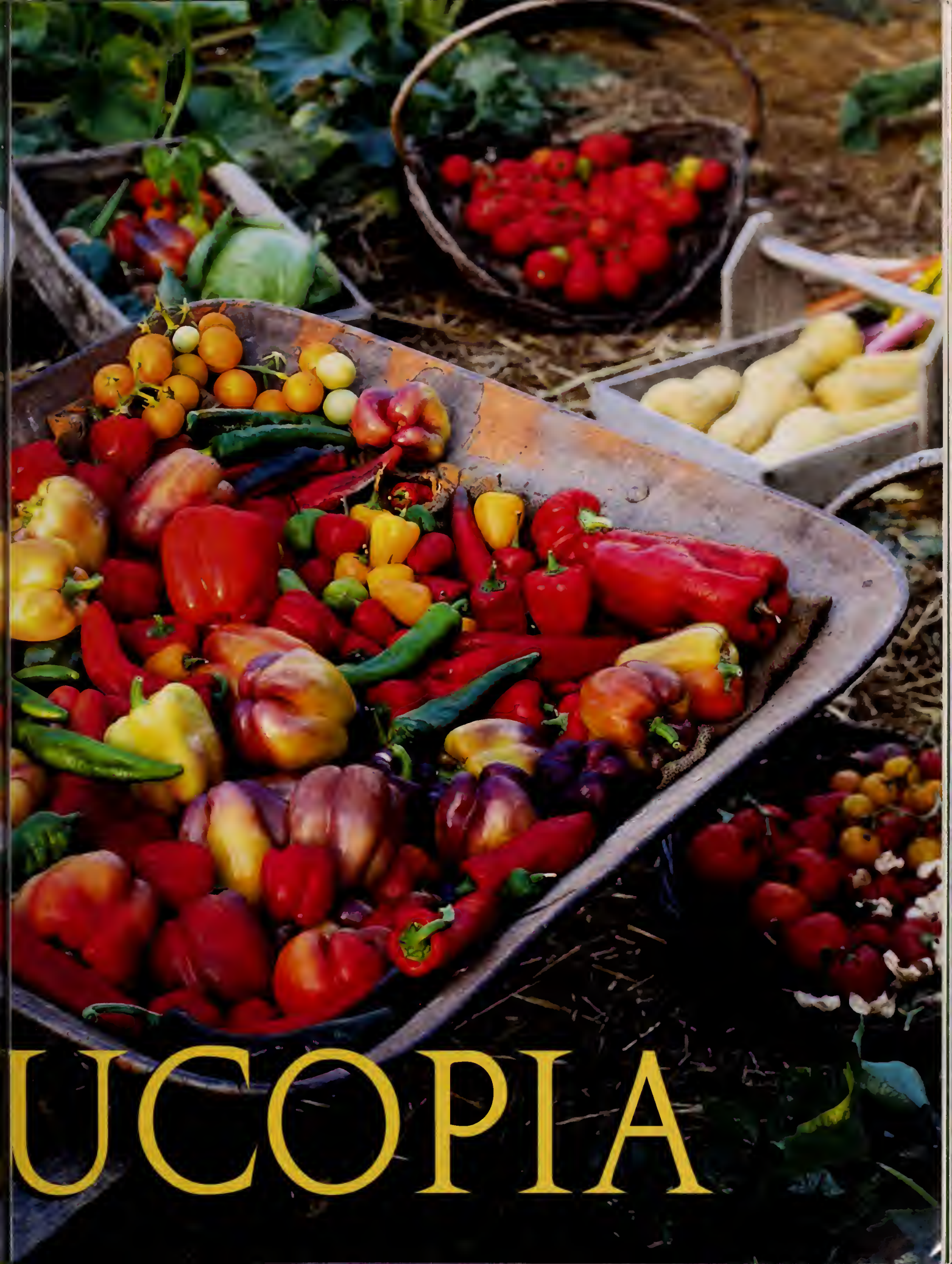
Story and Photography by Derek Fell

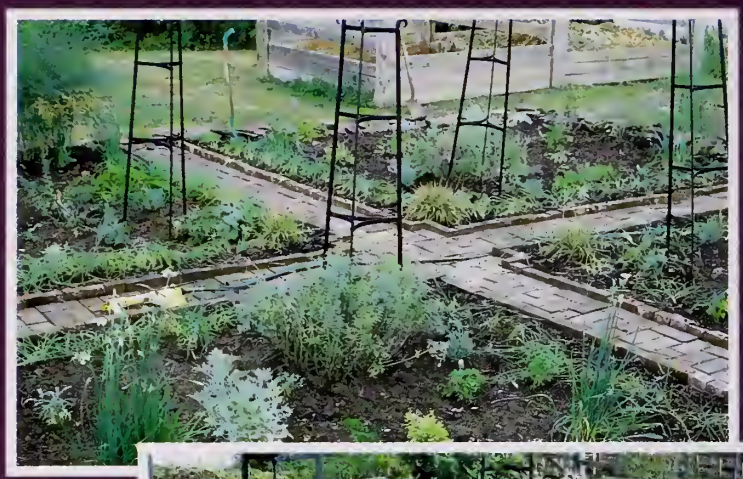
I first became a gardener out of a desire to grow fresh vegetables. So when I purchased historic Cedaridge Farm in Bucks County to serve as an outdoor studio for my photography and garden writing, I eagerly set out to create a bountiful vegetable garden.

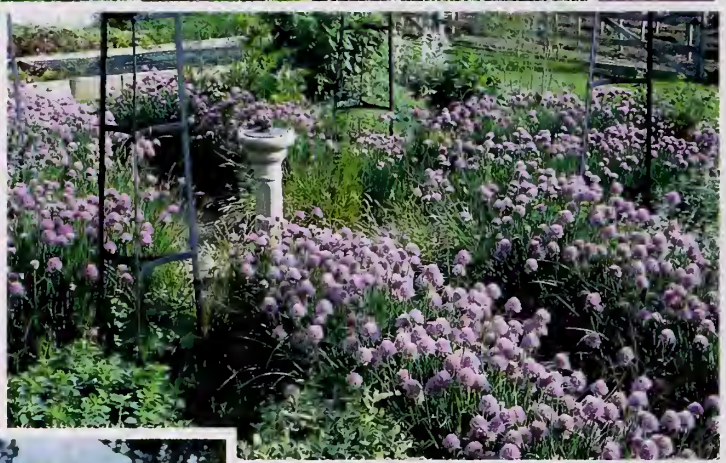
The first plot I established at the farm contained only vegetables; it sits atop a sunny slope enclosed by a low wall measuring 20 by 30 feet. Made of rough fieldstone collected from crumbling boundary walls, the wall not only serves as a barrier against rabbits and

A Kitchen Garden

CORN

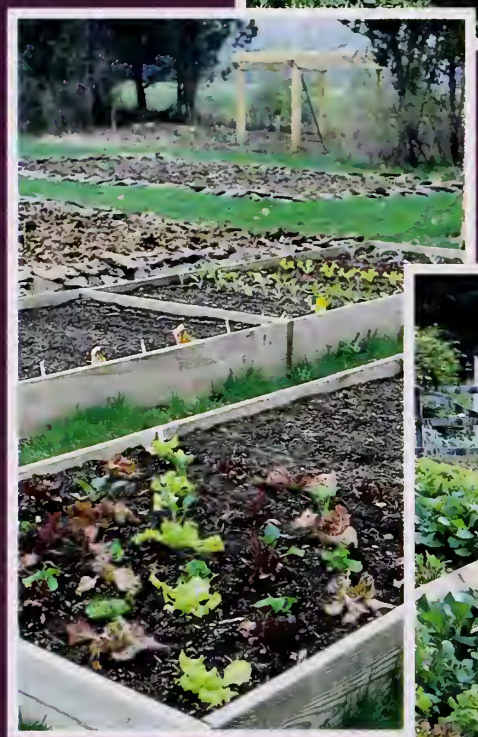

UCOPIA





▲ *Before*
The newly planted herb garden...

After ➤
The herb garden the season after planting.







▲ *Before* - Raised beds newly planted...

➤
After - The raised beds ready for harvest.

groundhogs, but also supports an area of level, well-drained soil. Aesthetically, the dry stone wall construction also helps maintain the historical integrity of the farm and its 200-year-old farmhouse.

Over the years, my wife Carolyn and I have embellished the vegetable plot with an herb garden, several raised beds for growing root crops, a grape arbor, fruit orchard, berry borders, a melon patch and a corn patch. Indeed, it's turned into an ambitious kitchen garden.

PESTS & PROBLEMS

Since deer visit the property almost every night, the low-walled garden is enclosed by a tall deer fence, using "invisible" black netting strung from rustic cedar posts 8 feet high. In addition, a picket fence surrounds the entire kitchen garden, acting as a first line of defense. Though adult deer can jump the picket fence, they generally prefer to walk around it.

The indigenous heavy-clay soil needed much improvement, which we accomplished by mixing in well-rotted horse manure from local stables, along with garden compost from our own large compost bins. We garden without chemical sprays (neither synthetic nor organic—not even pyrethrum or rotenone), and we fertilize mostly by tilling in more garden compost and manure in fall and spring. We also use booster applications of Nitron 35 and Spray 'n' Gro organic fertilizer formulations. We rake the granular Nitron 35 into the upper soil surface in the spring, and apply Spray 'n' Gro, a foliar feed, onto established rows every two weeks with a back-pack sprayer.

Though slugs and other insect pests sometimes plague the garden, we can usually find an acceptable method of eradication, such as hand-picking the slugs to deplete their populations. And when my teenage children discovered that sunfish like to eat Japanese beetles, they would race each other into the garden in the early morning to gather up as many beetles as possible. They threw the beetles onto the surface of our pond, and a veritable feeding frenzy would ensue. Goodbye beetles!



A full view of the kitchen garden (note the coldframe in the foreground).

PLANTING TRICKS AND TIPS

We enjoy growing vegetables in containers, especially mixing ornamental vegetables like curly endive, parsley and 'Bright Lights' chard with flowering plants like coleus and cannas. Even in the main plots we strive for a decorative effect, partnering different colors of lettuce with different colors of cabbage, for example. Some years we grow as many as 20 distinct lettuce varieties, such as 'Australian Yellow', 'Red Sails', 'Speckled Trout', 'Buttercrunch', and five varieties of cabbage—including red, blue and savoyed varieties—to create a quilt design. My all-time favorite lettuce is slow-bolting 'Sierra', which remains edible for up to three weeks longer than other head lettuce I have tested.

We grow root crops in raised beds of fine-textured soil. To establish these special beds, I double-dug the site to a depth of two spade spits, added well-decomposed compost and river sand, then passed the improved soil mix through fine screens to rid it of stones and weed roots. Then I returned the soil to the site, raising it 6 inches by means of boards as an edging. This resulted in fine, crumbly soil to a depth of 2 feet, which a perfect medium for growing even long tapering root crops like 'Nutri-Red' carrots, which we like for their deep red color, and 'Punjab Purple' carrots for the handsome mahogany skin. We cover the raised beds with bird netting, creating the perfect location for a patch of everbearing, day-neutral strawberry plants.

We also practice rotation planting. For example, if we grow peppers and tomatoes in the main plot one year, we switch them to the sweet corn plot the next year, and the melon plot after that. We also practice succession planting: when an early crop of peas or bush beans is finished, the ground is prepared for a planting of quick-growing cucumbers, summer squash or broccoli. We confine perennial plantings of horseradish, asparagus and rhubarb to the inside perimeter of the walled garden, with the odd clump occupying space within a Colonial-style herb garden incorporating a quadrant design.



The Perfect Gift!
(we'll even send a gift card)

Give a friend or loved one the gift of gardening...with a subscription to *Green Scene* magazine! That's 6 issues of **GREAT GARDENING TIPS** and **CREATIVE OUTDOOR IDEAS**, all perfect for gardeners on the East Coast.

TO ORDER BY PHONE, CALL: (215) 988-8769

GET SIX ISSUES FOR ONLY $16.95 (ONE YEAR) OR SAVE WITH 12 ISSUES (TWO YEARS) AT $32.95.

Yes, sign me up for *Green Scene* magazine!

❑ 1 year ❑ 2 years ❑ Gift subscription

Send subscription (and gift card) to:

Name_____
Address _____
City/State _____ Zip _____

Gift from (if applies):

Name_____

Payment method: VISA MasterCard

❑ check enclosed ❑ credit card

Card# _____
Exp. date _____
Date: _____

Mail to:
Green Scene, PHS
P.O. Box 82-1839
Philadelphia, PA 19182-1839



Potatoes of all shapes, sizes...and colors!

THROUGHOUT THE SEASONS

The vegetable garden remains productive even into winter months, since we seed parsley, spinach and arugula and other hardy greens into the raised beds in late August through early September, ensuring vigorous leafy clumps by the time frost strikes the garden. They often remain productive until Christmas without protection, and stay edible even longer with a covering of clear plastic draped above them.

Visitors to the kitchen garden marvel at its health, neatness and bounty and invariably ask what happens to so much produce. Little goes to waste, since we enjoy summer salads, but we mix most of the surplus into a big pot and boil it down into a rich vegetable soup that we freeze for consumption during the winter months. Also, we have discovered that nothing impresses a houseguest more than dining on the crunchy head lettuce they just admired in the garden.

Derek Fell wrote about the flower gardens at Cedaridge Farm in the April 2001 issue of *Green Scene*. He is the author of *The Pennsylvania Gardener* (Camino Press), with special chapters on growing vegetables, herbs and fruits.

ATTRACTIVE ARRANGEMENTS.

Not just the flowers, but everything at Meadowood. From the appealing country landscaping to the spacious, often custom-designed, apartments and cluster-style homes.

The financial options are also attractive. Our residents guarantee their lifecare by entering Meadowood on one of the Declining Balance Plans or the 90% Refundable Plan. Our "Couples Together" program is carefully considered for cases in which one spouse may need extra support services.

Imagine a morning dip in our sunlit pool, an afternoon hand of bridge and a leisurely round of twilight golf at our club. Your weekend itinerary may include a concert, theatre trip or dinner out at the near-by William Penn Inn.

Come see all of the conveniences that await you at Meadowood. Call the Marketing Department, today, at 610-584-1000.

A Lifecare
Retirement Community
3205 Skippack Pike
PO Box 670
Worcester PA 19490
610-584-1000

Meadowood
Gracious Country Living



Coming soon!
Gracious, spacious
Carriage Homes
with garages,
beautiful views,
and choice of
amenities.

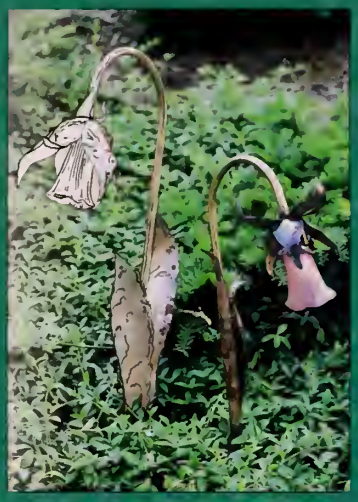
Equal Housing Opportunity



Call today to schedule a free professional consultation to review your property.
215-844-TREE (8733) • 610-688-6644 • Fax: 215-438-1879
www.mcfarlandtree.com

Old World Craftsmanship

New World Technology



Distinctive illumination for your garden.

Locally designed and crafted in Berks County, Pennsylvania.

Call for more information and our free catalog.

1-800-856-7948

Escort Lighting

51 North Elm Street
Wernersville, PA 19565
Phone: 610-670-2517
Fax: 610-670-5170



Left: Philadelphia Department of Recreation staff Chuck Boyer, Tom Fox, and Tyrone Foster with Doris Gwaltney of Carroll Park Neighbors.



COMMON GROUND

How an Inspired Partnership is Breathing New Life into Philadelphia's Neighborhood Parks

Story by Jane Carroll

Like a well-tended garden, a good partnership requires an investment of time and effort. And like a fruitful garden, a successful collaboration creates its own energy and produces its own rewards. Working together toward a common goal, each partner can accomplish much more than any one person or organization could hope to achieve alone. The whole becomes greater than the sum of the parts.

The power of partnership is clearly evident in Philadelphia Green's Parks Revitalization Project. Begun in 1993 as a modest initiative involving three neighborhood parks, the project now involves over 40 parks throughout Philadelphia. Through the collaborative efforts of Philadelphia Green, the Philadelphia Department of Recreation, and dedicated volunteer groups, the project has had a dramatic impact, greatly improving the appearance of many parks and reclaiming them as an integral part of urban life.



Pete Prown

A towering Carolina silverbell (*Halesia carolina*) in a park in Germantown.

PREPARING THE SOIL

Envisioned by William Penn as a "Greene Countrie Towne," Philadelphia is home to more than a hundred neighborhood parks. But by the early 1990s, after decades of shrinking municipal budgets, many community parks showed serious signs of neglect, and more than a few had become hotspots of drug and gang activity. In short, many parks that once served as centers of community life had become dangerous eyesores.

In some instances, the poor condition of parks even hampered other community efforts. For example, in the 1990s the Philadelphia-based William Penn Foundation invested substantial funds to renovate the Center in the Park, a senior citizens' center at Vernon Park in the historic Germantown neighborhood. Foundation officials soon learned, however, that the seniors were fearful of walking through the park to get to the new facility.

Realizing that Vernon Park represented a wider problem, the Foundation approached the Pennsylvania Horticultural Society's Philadelphia Green program to see if it could apply its greening and community-building expertise to improve parks in Philadelphia's low- to moderate-income neighborhoods. While Philadelphia Green clearly possessed the technical skills and knowledge to renovate park landscapes, the staff knew that any improvements would be short-lived without an ongoing commitment on the part of both the community and the city's Department of Recreation, which oversees a number of neighborhood parks.

SOWING THE SEEDS

Beginning with three parks—Vernon, Norris Square Park in North Philadelphia, and Wharton Square Park in South Philadelphia—Philadelphia Green organized volunteers into independent "friends" groups that could serve as park stewards. At the same time, it offered training and technical support to Department of

Recreation staff and volunteers. Soon, Philadelphia Green staff, city workers, and volunteer groups were working together. A strategic, three-way partnership was born.

In 1999 Philadelphia Green received a grant from the Wallace-Reader's Digest Funds to expand the program citywide. Ten new friends groups formed in the first year, and today, the Parks Revitalization Project includes over 40 active parks.

Each member of this partnership makes an essential contribution. Staff from Philadelphia Green and the Department of Recreation meet regularly together and with volunteers to plan new projects, tackle any problems that arise, and share information. The city has installed new playgrounds in several parks and has begun renovating crumbling maintenance sheds for staff and volunteer use. Friends groups schedule regular cleanup days, clearing away trash and debris prior to mowing by city workers.

"Little by little, the partnership has been a catalyst for tremendous change," says Tom Fox, director of facilities for the Philadelphia Department of Recreation. He says the strong commitment on the part of everyone involved helped leverage more funds from the city, enabling his department to slowly rebuild its staff and budget from a low point in the early 1990s. "Our relationship with the community has improved enormously, because we can now deliver more. And their work makes our job easier, so there is appreciation on both sides."

For neighborhood volunteers, many of whom had been disappointed by previous failed attempts to improve their parks, the combined clout of the Department of Recreation and the Pennsylvania Horticultural Society brought a renewed sense of hope. Doris Gwaltney, president of Carroll Park Neighbors, had been through it all before, but "just out of curiosity" she attended a community meeting to learn about the new program. "When I heard the Pennsylvania

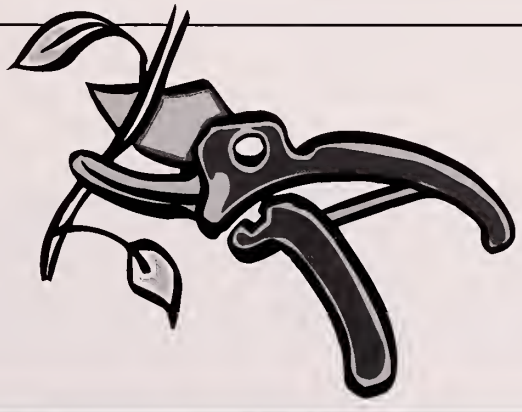
CHANTICLEER

...a pleasure garden



Open April through October
Wednesday – Saturday 10 to 5
Fridays until 8pm
during June, July and August

786 Church Road
Wayne, Pennsylvania 19087
610/687-4163
www.chanticleergarden.org



PRUNING PROBLEMS ?

Please visit my website for all your pruning questions at:

www.pruningmatters123.com

or fax your questions to me, Fran West at:

410-332-0270

I specialize in pruning shrubs and small trees.



Horticultural Society was involved, I thought maybe this time something will really happen," she recalls.

Since joining the Parks Revitalization Project, West Philadelphia's Carroll Park now has a new playground and an exercise track—the city's first in a neighborhood park. City workers completed the first repaving of hard surfaces in the park in 30 years. The park now hosts its own summer concert series, and volunteers have organized a special "Park Patrol" made up of neighborhood youths who help keep an eye on things.

"It is working *so well* for us," says Gwaltney, who has headed Carroll Park Neighbors since 1996. She says that the Department of Recreation staff is a vitally important part of the partnership, and she is pleased with the city's responsiveness to the needs of volunteers. "In 1997 we became the Carroll Park Neighbors Advisory Council; we're moving onward and upward," she boasts. "The city recognizes our group as the official caretaker of the park."

Other volunteers agree that the three-way alliance brings easier access to resources and contacts. "Now, when you need something done, you know who's the right person to call in the Department of Recreation," says Bill Trost, president of the Friends of Konrad Square Park in Fishtown. "The partnership has helped quite a bit in that regard." He also appreciates Philadelphia Green's technical support. Philadelphia Green staff recently helped create a new design for the center of Konrad Square. "A small group like ours could really run out of gas if we had to do everything. But with the plan drawn up, we could concentrate on rounding up the volunteers and getting the job done," Trost says.

WEEDING AND WATERING

Just like a garden, keeping a good partnership alive and thriving requires thoughtful planning and hard work. "A successful partnership like the Parks Revitalization Project is based on a shared vision," notes Joan Reilly, associate director of Philadelphia Green. "It illustrates the kind of impact that can be achieved when partners combine their resources in pursuit of a common goal. In this case, everyone wanted the same thing—to reclaim the parks for the communities," she says.

Reilly also stresses the importance of building partnerships "wide and deep." "We worked hard to create strong relationships, not only with the Department of Recreation's top leadership, but also with key staff members at every level of the organization, while also building a bridge between the city and the volunteers. That way, the partnership doesn't end if there is a change of personnel in any one organization," she notes.

Reilly is also a big believer in mining the talents of everyone involved. "You have to create room at the table for everybody, using people's gifts that may have gone untapped before," she says. That means

Left: A resident decorating a planter in North Philadelphia's Norris Square. **Below:** Young leaf-rakers volunteer for duty at Cliveden in Germantown.

that park workers who perform specialized jobs, such as plumbing, are now being asked to attend meetings and give their perspective on how things could work better. "Once people see that their efforts and opinions are valued, they become that much more committed," Reilly says.

This way of thinking came into play when Reilly was invited to give a workshop presentation about the Parks Revitalization Project. It was something that she easily could have done alone, but she realized that this was yet another opportunity to build stronger ties among the partners. She invited key Philadelphia Green staff members, a core group of volunteers, and Department of Recreation staff to give their side of the story. The collective effort resulted in a much stronger presentation. "It Takes Three: Lessons in Collaboration," as the "road show" is called, has been presented in Philadelphia, New York, and Cleveland.

One of the presenters is Doris Gwaltney, and she's thrilled that other people are learning from her experience. "When I spoke and saw people taking notes, I thought to myself, 'Somebody's actually writing this down! It's my 15 minutes of fame,'" she recalls. Gwaltney still corresponds with volunteers from two park groups in Cleveland.

Celebration is another important part of the process. Each December, all three groups come together at Philadelphia's City Hall for the "Party for the Parks," a celebration of the year's accomplishments. And last year, Philadelphia Green received one of five national Great Parks/Great Cities Awards from the Urban Parks Institute. The "Catalyst Award" cited Philadelphia Green for creating a strong, innovative partnership.

SHARING THE HARVEST

In the few short years since the Parks Revitalization Project got off the ground, parks throughout Philadelphia are blooming with newly planted flowers, trees and shrubs. Once again, they are full of life—the site of neighborhood barbecues, Earth Day and Arbor Day celebrations, musical events, gardening workshops and community meetings. And many friends groups, newly empowered, have raised hundreds of thousands of dollars from local businesses and other funders for additional improvements.

Keeping it all going takes effort, and it's not always easy. Working together requires commitment and dedication, as well as flexibility on the part of everyone involved to overcome the occasional setbacks. But to Joan Reilly, the partnership is a continual source of inspiration. "So far, the outcome has exceeded everyone's expectations," she says. "People are not only transforming the parks, they're transforming themselves and their communities in the process."

Jane Carroll is the associate editor of *Green Scene*. She also edits two of our newsletters, *PHS News* and *Philadelphia Green News*.

DAYLILIES GALORE!!

Buy bareroot daylilies from our website. We ship from May through September. Over 100 varieties available.

Visit our garden center from May through July for potted daylilies, other long blooming perennials, flowering shrubs and roses.

See our website to order plants, see color photos and descriptions, a farm tour, daylily information, map and directions.

Thomas Daylily Farm
thomasdaylily.com

380 Fairview Road, Glenmoore PA
(610) 942-3817

From Rte 30 in Downingtown take Rte 322W toward Honey Brook, turn North on Rte 82, turn right on Fairview Road and go 1.5 miles to our sign. From Rte 100, take Rte 401 West 1 mile to Fairview Road, turn left and go 5 miles. Tnpk. Exit 23 then N to 401.



Seven Months of Roses



Extending Rose Magic Throughout the Season

Story by Reggie & Frank Thomas

A perfectly healthy, chemical-free rose garden that's always in Monet-like bloom...a fairy tale? Maybe. But with selective choice of plants and proper pruning, you can create an organic rose garden that blooms for well over six months a year, even here in Zone 6. All it takes is the right roses planted in the right spot, and a little planning. Here are some tips to get you going.

Left: 'Carefree Beauty'

Right: Even on Halloween, there are roses in bloom. Here, 'Country Dancer' is highlighted against the hot orange-red berry of an *Ilex verticillata* in tree form.



Select a broad variety of roses for long sequential bloom.

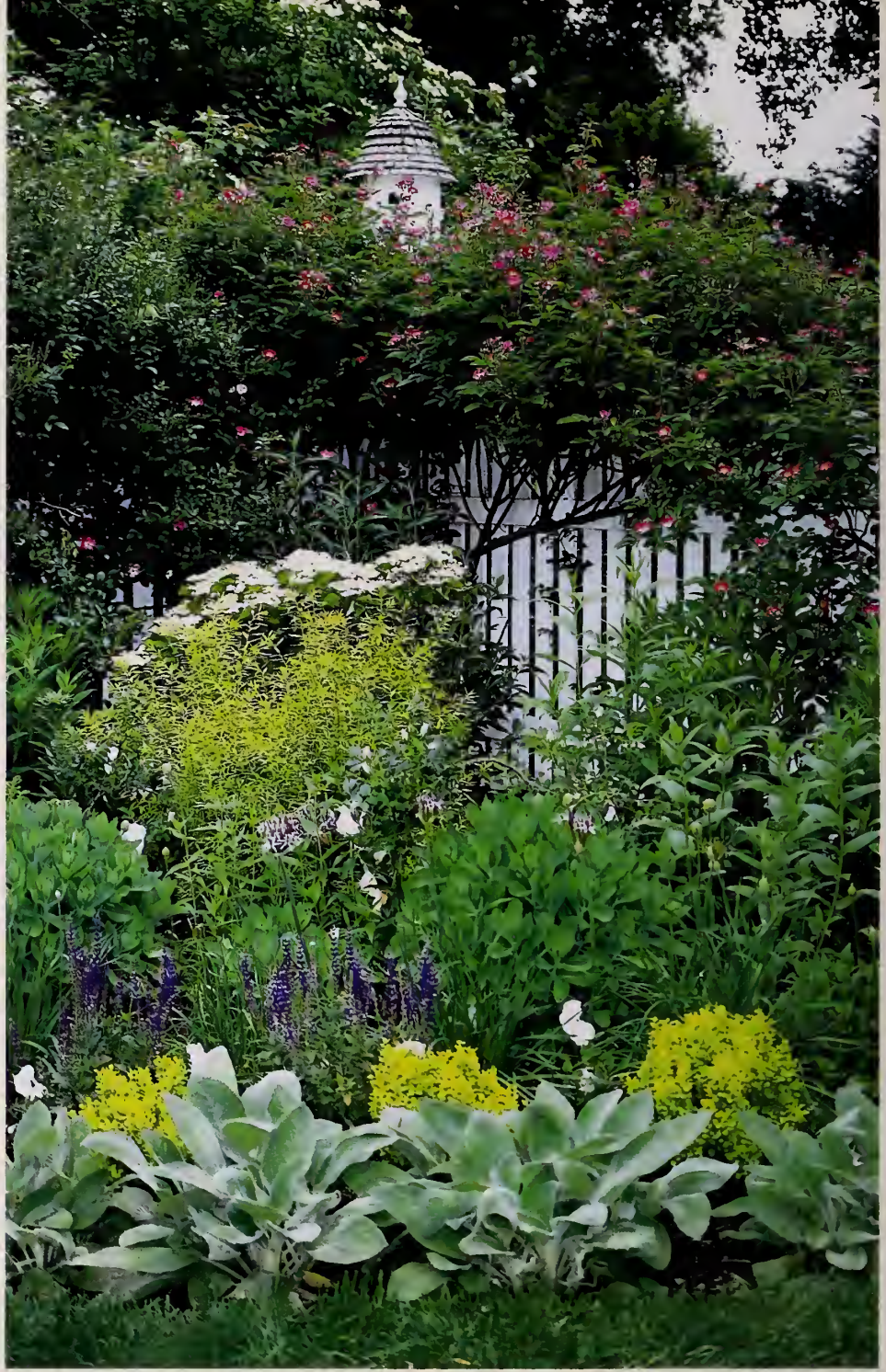
Most roses have a single, spectacular bloom of about two weeks, and if they do rebloom, the first bloom is the most spectacular. To extend this initial "wow" period to eight weeks, plant a variety of roses, so that the garden has several "waves" of bloom.

The early May wave in our garden consists chiefly of the climbers 'Cécile Brünner', 'Madame Alfred Carrière' and 'Erfurt'; the hybrid musk 'Cornelia'; and several rugosas. A few weeks later, the second wave joins the first display, extending it a bit. This second wave opens with the climbers 'Alchemist' and 'Constance Spry', and the Buck roses 'Country Dancer' and 'Carefree Beauty'. This is followed by the long solo performance of 'Dr. Walter Van Fleet' and the David Austin roses.

Select hearty roses that survive on neglect and no chemical spraying.

Our Main Line garden is mostly planted with old roses and newer shrub or climbing roses. We avoid finicky hybrid teas.

Seven Months of Roses



In May, the author's birdhouse is awash in *Rosa* 'Erfurt'. Underneath is a lush planting of 'Golden Nugget' barberry, 'Mellow Yellow' spirea, 'Helen Von Stein' lamb's ears, purple 'East Friesland' salvia, and *Viburnum dilatatum* 'Erie'.

Then, in a June-to-early-July finale, the third wave opens with climbing 'New Dawn', followed by various new and old shrubs: the various Meidilands, 'Bonica', 'Ballerina', 'The Fairy' and 'Sea Foam'—and one last climber, 'Autumn Sunset'.

Consider shearing.

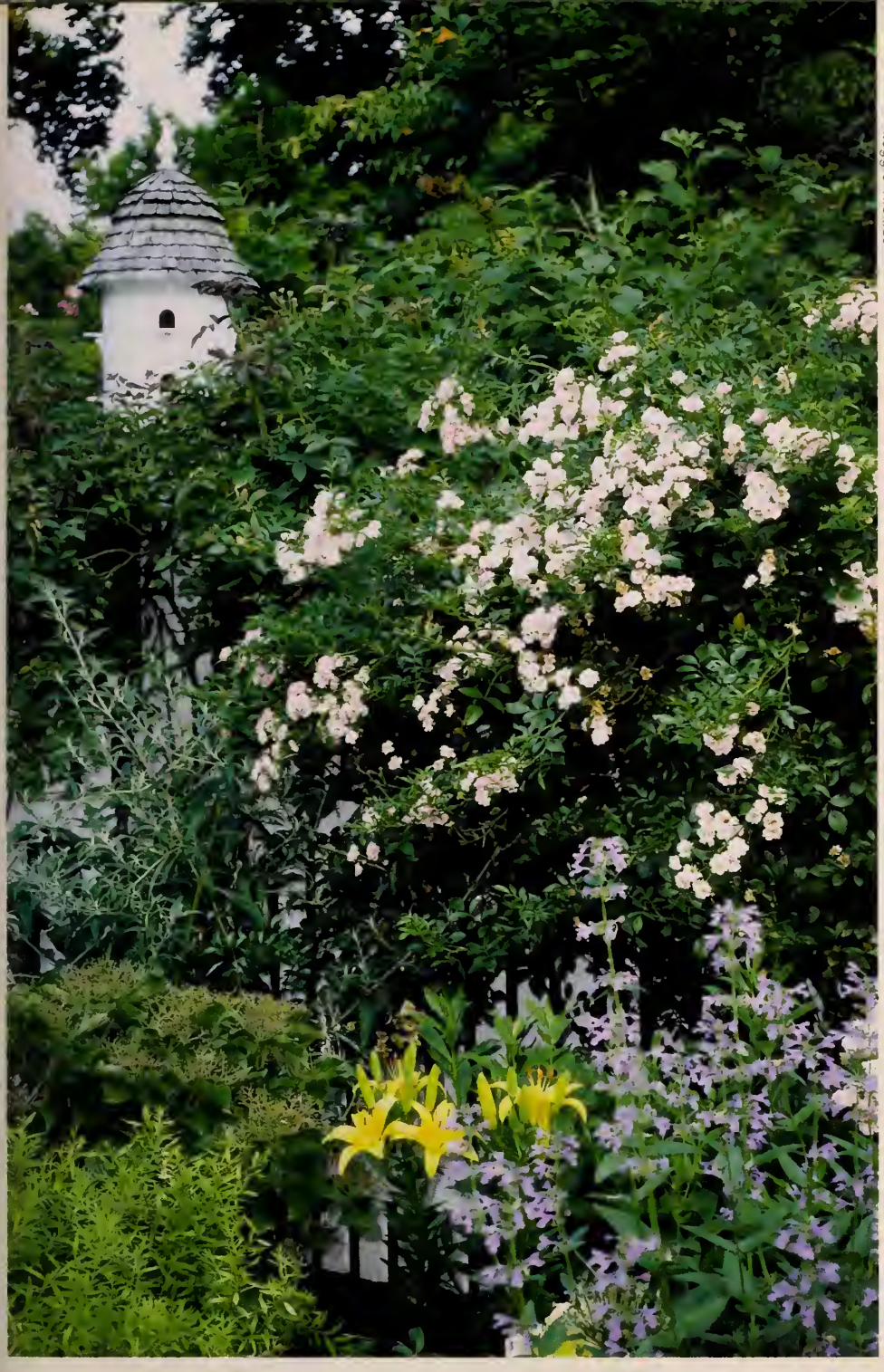
Instead of deadheading after the first bloom, we roughly shear bushes with a pair of trusty (and even rusty) pruning shears. This rough pruning serves two purposes: first, it saves time, and second, it encourages profuse growth of new foliage, making the garden look fresh again. While shearing may slightly delay rebloom, the sheared bushes will also rebloom at different times, creating sort of a tag team flowering throughout summer and fall.

Put a favorite rose—one that reblooms the most and has the best foliage—in a central location.

For me, this is the very pink 'Country Dancer', which can bloom from May 20th or so through November (or even to Christmas in warmer years), with a bit of special pruning. We have six 'Country Dancer' shrubs in a prominent circle in the garden. Well before their first bloom, we shear, by 1/2 foot or so, the inside portion of the rose circle so that the first flowers are on the outside of the shrub, and, when those blooms are finished, the sheared inner blooms begin.

Because 'Country Dancer' blooms so prolifically, no one seems to notice that we have tampered with Mother Nature.

Thereafter, the roses in the circle are always on a different cycle, so in a sense, the circle *is* ever-blooming. To keep it going, we usually deadhead faded flowers. (If the shrubs grow too tall, the circle can be given a light shear, and then after a few weeks' pause, they will bloom profusely again.) While we have never tried it, we sus-



Reggie Thomas

In July, the same birdhouse bed sports *Rosa* 'The Climbing Fairy', along with bright yellow daylilies, yellow barberry, and the soft violet of *Nepeta sibirica* 'Souvenir d'André Chaudron'.

pect you could create the same continuous bloom with 'Carefree Beauty', another Buck Rose with a similar habit and good all-season foliage.

COMBINE CLIMBING ROSES WITH DIFFERENT BLOOM TIMES, EXTENDING THE MAGIC THAT COMES WITH HEIGHT AND HIDING OLDER FOLIAGE.

On our 25-foot rose wall, the early spring season kicks off with 'Madame Alfred Carrière', a hearty, white-scented rose that blooms regularly every few weeks until Thanksgiving. But alas, its foliage is sparse, so the once-blooming 'Dr. Walter Van Fleet' comes to the rescue, with its always-fabulous foliage.

NO RESPECTABLE ROSE GARDEN SHOULD BE WITHOUT AN ARCH.

On each side of our arch is a deep pink 'Constance Spry' planted with a pale pink 'New Dawn'. Constance blooms spectacularly, then Constance and New Dawn bloom together for about one over-the-top week, and then throughout the remaining summer and fall, 'New Dawn' reblooms on and off with wonderful foliage to mask Constance's less-than-stellar old foliage. It also contrasts nicely with the many summer and fall clematis planted on the arch. If we weren't afraid the arch might collapse, we'd add the ever-reblooming 'Madame Alfred' to the mix.

Still other favorite climbing combinations:

- In a slightly shady site, early 'Cécile Brünner' followed by 'Lavender Lassie', with the flat stems and leaves of a climbing *Schizophragma hydrangeoides* growing in and around the two climbing roses.

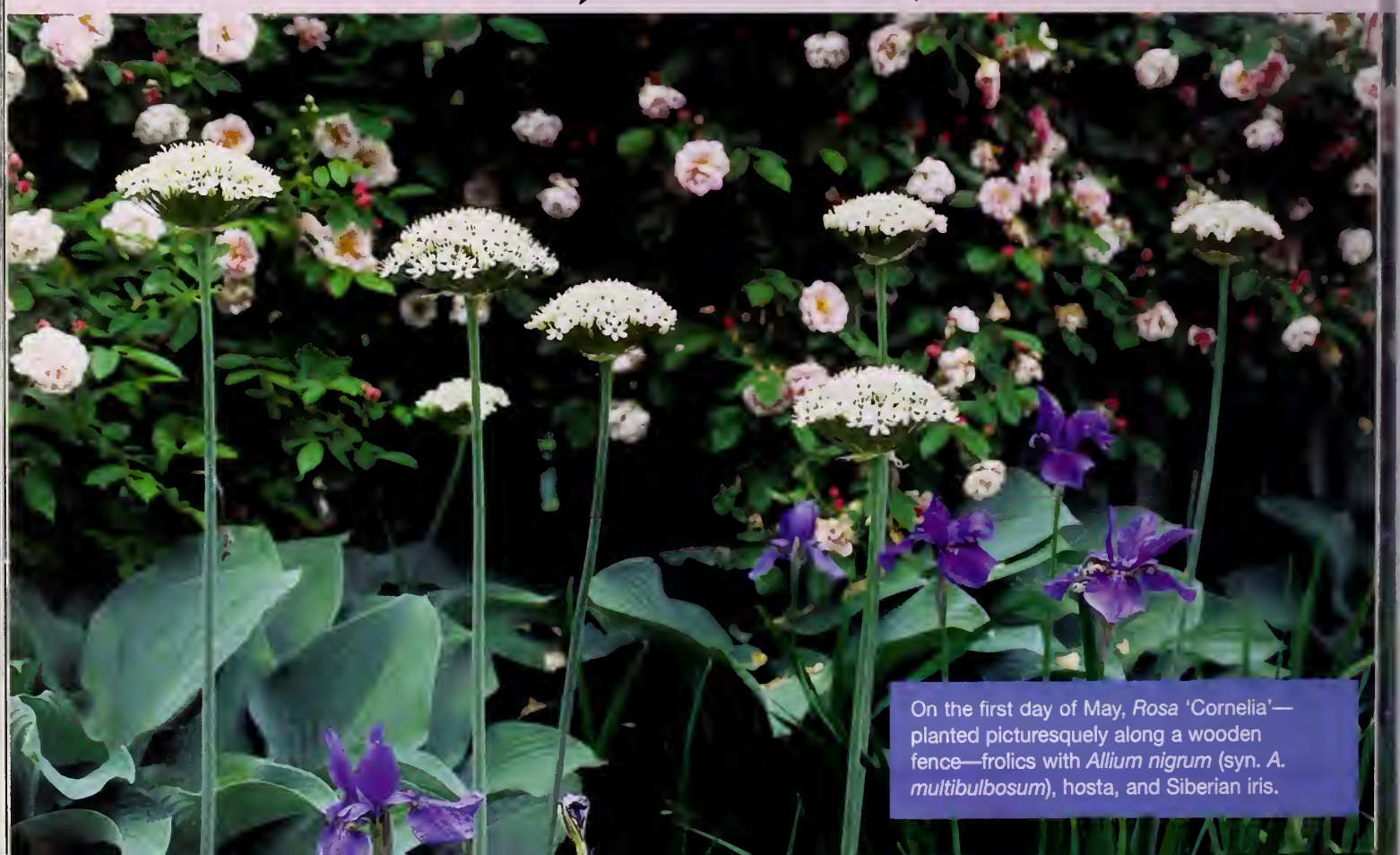
- 'Erfurt' and then 'The Fairy' climbing over a tall birdhouse, keeping this a central feature for two months or so.

COMBINING ROSES THROUGHOUT YOUR GARDEN

Hide those rose legs and mid-summer rose blemishes with large perennials and other shrubs. Some of our favorite combinations include:

- *Hosta sieboldiana* in a circle with 'Country Dancer', surrounded by 'Six Hills Giant' nepeta.
- Violet *Buddleja* 'Lochinch' planted around the tallish pink 'Carefree Beauty'. The roses bloom first, and then the buddleia grows up, over and around the rose bushes, leaving the rose blooms to dance above and among the buddleia's "see through" foliage. By adding a front row of yellow barberry shrubs, with *Hakonechloa* 'Aureola' grasses at the feet of everything, this garden corner always sparkles.
- Hydrangeas with almost any rose. Planting *Hydrangea* 'Preziosa', with early, pink or white roses ensures a long sequential bloom. First come the roses, then the soft-pink hydrangeas bloom, and finally the hydrangeas' drying blooms of deeper pink, violet. Another example is a hedge of the late June *Hydrangea serrata* 'Blue Deckle', concealing the legs of a taller pink 'Ballerina' hedge rose (which has dreadful post-bloom foliage). Another row of yellow *Hakonechloa* 'Aureola' grasses completes the picture, particularly in fall when 'Ballerina' reblooms and the hydrangea leaves deepen in color and throw off a few flowers here and there.
- Any yellow-leafed spirea in front of any leggy David Austin rose. While I love the perfection of the Austin recurrent blooms, the summer and fall form of the Austin shrubs can be unattractive in an organic garden, requiring the distraction of other shrubs.
- Also, try the tall yellow rose 'Graham Thomas' with any purple buddleia.
- Yellow or purple barberry with white or pale pink roses.
- *Nepeta* 'Souvenir d'André Chaudron' with any rose: the nepeta blooms tall, blooms late and blooms for weeks and weeks, hiding all sorts of rose foliage sins.
- Lots of clematis growing through climbing roses and rose hedges. While many books show roses and clematis bountifully blooming together, most clematis bloom for us at the quieter rose time toward the end of June and beginning of July (and later again in the fall).
- Hedges of roses with hedges of perennials. One favorite: a long hedge of peach 'Cornelia' with clematis, fronted by a hedge of tall blue hosta, white *Allium nigrum*, blue Siberian iris, and the ornamental grass, *Pennisetum* 'Little Bunny'.

Seven Months of Roses



On the first day of May, *Rosa* 'Cornelia'—planted picturesquely along a wooden fence—frolics with *Allium nigrum* (syn. *A. multibulbosum*), hosta, and Siberian iris.



Willhite Seed Inc.

Superior Quality Seed
Over 400 varieties including watermelon, cantaloupe, cucumber, bean, corn, okra, peas, squash, etc.
Wide selection of unusual Indian vegetable seed.
Beautiful 64-page color catalog

FREE ON REQUEST.

P.O. Box 23, Poolville, TX 76487
817-599-8656 • www.willhiteseed.com
HC

C.S. Heal FARM MARKET

- Growers of Premier Garden Plants including Annuals, Perennials, Proven Winners & Garden Dahlias.
- Propagators of Zonal Geraniums.
- New Guinea Impatiens
- Hanging Baskets
- Growers of Holiday & Garden Plants
- Combination Garden Baskets

Charles S Heal Jr. & Eric Heal

visit us on the web @
www.cshealmarket.com
1607 Salem Rd.
Burlington Twp. NJ
(609)386-9422 Fax: (609)386-9635
OPEN DAILY!
Mon.–Fri. 9–5:30, Sat. & Sun. 9–5



We Can Deliver the Flowers!

The flower garland ***scarf***, an exclusive design of the PA Horticultural Society. Inspired by the garlands of ancient Egypt, scarf is silk satin and 36 inches square.
Colors work with all apparel.
White or pale blue background.
Give your neckline the treatment it deserves!
$68 plus $5 shipping
(PHS Member price $60)

PHS Shoppe, 100 North 20th St - 5th fl
Philadelphia, PA 19103-1495
Phone Orders: Call 215-988-1613.
Send to:
Name _____
Address _____
City _____
State _____ Zip _____
Phone _____

PAYMENT INFORMATION

____ number of scarves ordered
❒ Check (payable to PHS)
❒ PHS Member
❒ Charge to: ❒ VISA ❒ Mastercard
Card # _____

Exp. Date _____
Cardholder Name _____
Signature _____

TESSELAAR™
Making gardening easy

BOLD BEAUTIFUL

DREAM™ ROSE

THE ROSE THAT EVERYONE CAN GROW™

Full bush with masses of blooms. Easy care with no-fuss pruning. Quick repeat blooming from Spring to Fall. Available at leading garden centers this spring!



Dream™ roses ... Ask for them by name!

Right: In early May, 'Cécile Brünner' steals the show over the kitchen door, but just on the right, you can see 'Alchemist' just starting to bloom. And over in the far right and above is the climber 'Madame Alfred Carrière'. In June, 'New Dawn' will then bloom on this wall. In this garden, the rose show is all about clever succession planting.

Below: A close-up of 'Alchemist'

Reggie Thomas





Seven Months of Roses

Dubbed "The Long Rose Run," this magnificent view in mid-June includes the following roses: 'New Dawn', 'Bonica', 'Erfurt', 'Carefree Beauty', and 'White Meidiland'.

Reggie Thomas



GROW A LATE-SEASON ROSE IN SEVERAL DIFFERENT WAYS, CREATING THE ILLUSION OF DIFFERENT ROSES ALWAYS IN BLOOM.

There are fewer late roses to choose from, but 'The Fairy' is one that seems to bloom all summer, with very short pauses, particularly if you plant a hedge of it in one place, a climbing form of it in another, and a standard in a third place.

DON'T SWEAT THE BEETLES.

Japanese beetles come furiously after the fourth of July and leave by the end of August. If you have sheared most of your roses, then when they rebloom, it is a little later in the beetle season and the bugs are not as bothersome. In the meantime the daylilies, hydrangea, grasses, phlox, and other summer perennials and shrubs are at their peak.

DON'T FORGET THAT FOURTH SEASON.

While we have roses blooming for a full seven months a year (May to November), our climbing and shrub roses are also winter stars, providing wonderful, eye-catching structure and catching the occasional snowfall. Never one to be outdone, our "ever-blooming circle" of 'Country Dancer' blooms with white lights throughout the dark winter.

Reggie Thomas started to garden in the late 1980s. She is a partner in Family Wealth Management at the law firm of Ballard, Spahr, Andrews & Ingersoll, Philadelphia. Her husband, Frank Thomas, is also a lawyer in Philadelphia.



PHILADELPHIA HOUSEPLANT WHOLESALERS

Spring 2002

CENTER CITY'S ONLY FULL SERVICE GARDEN CENTER

Annuals & Perennials
Trees & Shrubs
Imported Pottery

LANDSCAPING BY EXPERTS

EVERYTHING FOR INDOOR & OUTDOOR GARDENING

HEALTHY HOUSEPLANTS AT WHOLESALE PRICES

Over 5000 Plants in Stock at all Times
From 6" Pots for the Windowsill to 15" Tall Specimens

PLANT RENTALS
COMMERCIAL - RESIDENTIAL

1233 BAINBRIDGE STREET
ONE BLOCK OFF
S. BROAD STREET
OPEN 7 DAYS
215-545-5044
WE DELIVER!

Mexican Mint Tarragon

The year 2001 is now on record as the second hottest year in record-keeping history. No wonder my most vivid garden memory from last year is the extraordinary amount of time I spent keeping my plants watered far into November. Since hauling hoses to far-flung reaches of the garden doesn't exactly fit into my scheme of using less water and cutting out unnecessary chores, I was determined to find a solution.

With 20/20 hindsight, I realized that grouping drought-tolerant plants together is the best solution for my most distant gardens. The star of one water-deprived bed was Mexican tarragon (AKA Mexican mint marigold, Texas tarragon, sweet mace, and sweet scented Mexican marigold). It's really a marigold (*Tagetes lucida*) and only distantly related to French tarragon (*Artemisia dracunculus*). Both are members of the *Compositae* family (aster, daisy).



Jerry Pavia

This attractive Zone 9 perennial, native to Guatemala and Mexico, has become a popular herb in the deep South, especially Texas. In southeast Pennsylvania (generally Zone 6), it's used as an annual, forming a tidy, multi-stemmed clump with small bright yellow orange flowers that appear in late fall.

Tagetes lucida thrives in hot weather and needs very little water after it's established. Last fall, in the protected environment of a full-sun bed against a brick wall, it was still going strong—with attractive bronze-tinted leaves—after my basil and fruit-scented sage had passed. With a small amount of pinching, it remained tidy and bushy all season, even after heavy rain.



By Alexandra Basinski

Mexican tarragon needs a long, warm growing season to produce flowers; our growing season is often too short for it to bloom. At Triple Oaks Nursery and Ashcombe Herb Farm, they bring potted plants into greenhouses for the winter, where they bloom well.

I've tried growing Mexican tarragon from seed. But I've had more success with established plants, as the seed germination seemed spotty. Its bright green leaves have an anise flavor almost identical to French tarragon. Use them in spicy Tex-Mex dishes, as a garnish for egg dishes, tossed into potato and chicken salads, added to roasted or grilled chicken, or use it to flavor butter or vinegar. Mexican tarragon, along with purple basil leaves, will also perk up your green salads.

Grilled Summer Squash Salad

3 tablespoons balsamic vinegar
1/3 cup olive oil
2 cloves garlic, minced
Salt & pepper to taste
Dash of cayenne pepper
2 small green zucchini
2 small yellow zucchini
2 tablespoons fresh chopped Mexican tarragon leaves

Mix the oil with the vinegar, garlic, salt, pepper, and cayenne. Slice the zucchini squashes lengthwise, toss in half the dressing and set aside for 20 minutes. Remove the squash from the dressing and grill on medium to high heat until tender, 2 to 4 minutes per side. Toss with the remaining dressing and Mexican tarragon.

Makes 4 to 6 servings.

SOURCES

Ashcombe Herb Farm - Mechanicsburg, PA
(717) 766-7611, *www.ashcombe.com*

Natives of Texas Nursery -
(830) 896-2169, email: *bettyw@ktc.com*

Russell Garden Center - Richboro, PA, (215) 322-2339

Seeds of Change - (888) 762-7333,
www.seedsofchange.com

Triple Oaks Nursery - Franklinville, NJ
(856) 694-4272, *www.tripleoaks.com*

ORGANIC MATTERS

The Lawn Goodbye

"You're stinking up the neighborhood!" came the yell from a car full of teenagers as it sped past my home. My face burned at their rudeness but even more out of my own embarrassment. It was true. I was smelling up the whole street and there wasn't much I could do about it.

Let me back up a bit. Two autumns ago, I finally turned my unattractive mixed-weed front lawn into a massive bed of perennials, annuals and selected shrubs. It's an ideal site for a showcase garden in so many ways—full-day sun on a corner lot with plenty of foot and car traffic. In my mind's eye I saw a horticultural Taj Mahal.

Converting lawn into garden is nothing new, and there's more than one way to make the transition. On smaller areas I've tried the passive method of laying down several thicknesses of newspaper and then piling a 6-inch layer of quality soil on top. With this technique you can even start planting immediately by punching holes to insert your plants. However, I found that the grass takes quite a while to die and that the wind uncovers edges of the paper, which makes for a messy look.

This time, I wanted to remove the sod completely. Most landscapers would just spray Roundup and wait for everything to die, but, being the chemical-avoiding type, I chose a more environmentally sound path. I rented a sod cutter. What a machine! My friend Patrick and I peeled sod off at such a pace that I had it back to the rental shop in less than two hours. Next came the mushroom compost (AKA mushroom soil). The new bed's hard lifeless soil needed an upgrade and this was the best way to make that happen. Luckily, I found someone who would deliver whatever quantities I wanted. Five cubic yards cost $100. But six yards cost only $120. And seven was $130. Well, you can see my mistake—I got greedy for the volume discount.

Delivery day came and not one, but two dump trucks showed up and made a mountain of mushroom compost in front of the house. Mushroom compost typically consists of aged horse manure and bedding that mushroom growers use once or twice before discarding. While no longer good for fungi, it's primo stuff for green plants. But "aged" is the key word here. The stuff they delivered was ripe and quite, um, "horsey."

Then came an unexpected October warm spell. My mountain began releasing its farmyard fumes, which started wafting down the streets, entering screened windows and assaulting numerous noses. Soon I began meeting neighbors I had never seen before who stopped by to ask "just what I was up to." Children held their noses as they walked to the bus stop, and I'm almost certain the smell alone caused the cancellation of a little league game across the street.



Rob Cardillo

I figured the best way to reduce the odor was to incorporate the mushroom compost into the existing earth. So for three days, my sainted wife and I shoveled and tilled, trying to bury our fragrant folly. Unfortunately, this also meant working outside and suffering the mumbles and glares of passersby. Finally the cold weather arrived, the smell ended and the comments stopped.

The next summer's garden was amazing. Every plant I threw into this enriched aerated loam rocketed and bloomed with passion. I weeded and watered with pride hoping to recover my reputation as a good citizen. I finally sensed redemption when, one Saturday, four separate people stopped their cars, rolled down their windows and told me how much they loved passing by such beautiful flowers on their way to work. The local newspaper even wrote a story about my garden.

Moral of this story? Do whatever you have to do to improve your earth. Neighbors have short memories, but healthy soil lasts a good, long time.

Writer-photographer Rob Cardillo's work has appeared in *Organic Gardening*, *Country Living Gardener*, and *Garden Design*.



By Rob Cardillo

BEGUILING BULBS

A Daffodil Fling in the Pyrenees

On May 14, 2001, my husband, son and I arrived at the Madrid airport, picked up our rental car, and headed north towards the Pyrenees mountains. This was my fourteenth annual trip to Spain to monitor certain populations of daffodils and search for different species and wild hybrids.

First, we headed for the ski resort of Cerler to see if any *Narcissus alpestris* remained in flower. I had been there several times before at the tail end of the season, and I was anxious to see a large population at peak bloom and observe the diversity of size, form and color. After hours of driving on completely deserted roads through these high mountains, we were not disappointed. Large patches of *N. alpestris* were indeed at their prime, ranging from 4-inch-tall miniatures to standard size, colored pure white to distinctly yellow, but all facing downward with typical goose necks.

Photos by Kathy Andersen



We spent the second night in the Val d'Aran, where new ski resorts are proliferating. I wanted to revisit some mountainsides where I had seen hybrids between *N. abscissus* and *N. poeticus*. Unfortunately, several years of heavy cattle grazing had eliminated almost all the daffodils from the slope. Animal grazing takes an even bigger toll on daffodils in the Pyrenees than the ski industry, with its massive villages and lifts. Nowhere is this more apparent than at Superbagneres on the French side, where a huge hotel sits atop the mountain and skiers fly down the steep slopes all winter without harming the bulbs beneath. During the years that sheep grazed here, however, almost no bulbs flowered and the foliage was cropped close to the ground.

The next morning's deep fog and drizzle did not keep us from searching out *N. poeticus* in the Valle d'Oueil outside of Luchon. Every form and size of poet can be found there, from twisty and spidery to flat and round, but always with dead white petals, a green eye and yellow corona edged in bright red.

On our way towards Mt. Louis, an ancient walled town near the main road into Andorra, we visited a cave with prehistoric paintings but found no daffodils. Towards dusk we stopped for the night at a tiny auberge at the Col du Port, where I expected to see *N. pallidiflorus*. (This is the "Straw Colored Daffodil" mentioned in John Parkinson's 17th-century book, *Paradisi in Sole Paradisus Terrestris*.) The next day, sadly, we found only heavily grazed turf and one small stand of foliage under a prickly shrub.

We continued towards Mt. Louis to view the legendary poet fields surrounding the city. Twice before, I had arrived too early to see the poets in bloom. This year, I had the right season, but the fields had disappeared entirely, giving way to cow pastures or new construction.

On a happier note, our last day was bright and sunny and filled with daffodils. The Val d'Incles in Andorra remains virtually unchanged since my first visit in 1989. There, we enjoyed a picnic lunch on a hillside surrounded by masses of *N. pallidiflorus*. It seemed a fitting ending to our daffodil fling for 2001.



Top: *Narcissus bicolor* in the French Pyrenees.

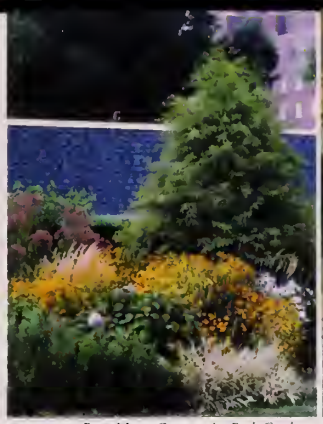
Bottom: Poet field in the Val d'Oueil.



By Kathryn Andersen

Thumbs Up to A *Green* Thumb!

The Pennsylvania Horticultural Society's celebrated **Suburban Greening Award** recognizes the best gardeners in the tri-state area. Give a ***thumbs up*** and nominate your favorite community group or volunteer gardener who has made your neighborhood a little greener.



Bryn Mawr Community Park Garden



Borough of Ambler Main Street Planting

Nominees must:

1. maintain a public space planting (public parks, Main Street planters, gateways, traffic islands, or commercial ventures) in suburban Philadelphia, New Jersey or Delaware
2. be an enthusiastic, active garden club, civic organization, community group or individual

For more information please call Flossie Narducci at 215-988-8897 or email *fnarducc@pennhort.org*

Sponsored by

THE PENNSYLVANIA HORTICULTURAL SOCIETY
18 27
PHILADELPHIA GREEN
PHILADELPHIA FLOWER SHOW
Creating community through horticulture

www.pennsylvaniahorticulturalsociety.org

Suburban Greening Award

THE 55TH ANNUAL WILMINGTON GARDEN DAY

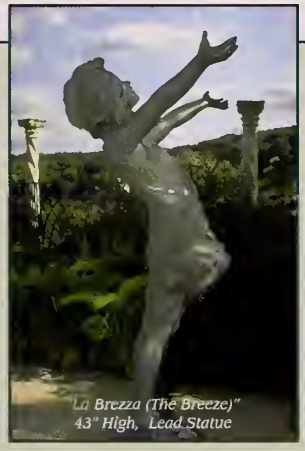
MAY 4, 2002

Held rain or shine

10 AM – 5 PM

A Tour Of Distinctive Gardens and Homes

FOR INFORMATION:
(302) 428-6172
or www.gardenday.org



"La Brezza (The Breeze)" 43" High, Lead Statue

Antique & Contemporary Ornaments for the Connoisseur's Garden

Elizabeth Schumacher's

Garden Accents
BEST of PHILLY
1996 • 1998 • 2000

4 Union Hill Road • West Conshohocken, PA 19428
610 . 825 . 5525 • www.garden-accent.com
Hours: Tuesday - Saturday 10:00 - 5:00 pm

Mention this ad to receive a free portfolio ($2 postage & handling) GS

TESSELAAR
Making gardening easy

EASY CARE

THE ENVIRONMENTAL ROSE
Ground Cover Rose
Flower Carpet
NATURALLY FLOWERS LONGER

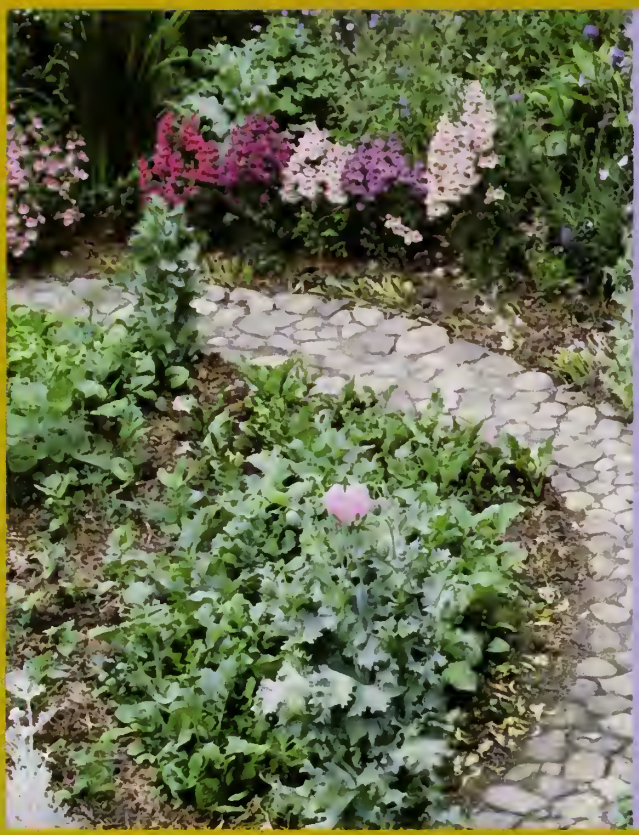
AMERICA'S #1
GROUND COVER ROSE



The EASY-CARE™ Rose that blooms month after month. Available at leading garden centers this spring. For your nearest Flower Carpet retailer, call 1-800-580-5930.



The Rose in the Pink Pot™



PRIMEX

GARDEN CENTER

435 W. Glenside Avenue Glenside, PA 19038 215 887 7500

Bringing you the best in personal service and knowledge for over 59 years. Gardening enthusiasts and landscape professionals throughout the area have come to depend on Primex for an outstanding selection of horticultural products. Come find out why!

Monday - Friday 7:30-6:00
Saturday 8:00-5:00
Sunday 10:00-5:00

Extended Spring Hours as of April 26th: Open until 8pm on Fridays.

Perennial Pleasures

A garden-inspired shop



Visit us at the Chester County Flower Show at QVC Studios, April 18-21

Furnishings and accessories for the inspired home & garden

Reproduction antique & contemporary garden ornaments & structures

Rich assortment of planters, pots and vases

Choice selection of hard-to-find plants

"Botanically correct" artificial stems, plants and trees

Wide range of gifts for all occasions

April 2002 Grand Opening of our all new 1000 square foot Garden Courtyard

Voted Best of Main Line and Western Suburbs 2001 Best Garden Accent Shop

312 Business Route 30 across from Exton Mall • Exton, PA 19341
610.594.6696
Hours: Mon. - Sat. 10:00 am - 8:00 pm • Sun. Noon - 5:00 pm

Transform your Yard into a Personal Paradise

Many services Avant Gardens offers include:

- Landscape design and ornamental plantings
- Ponds, fountains and waterfalls
- Specialized gardens including herb gardens, perennial borders, shade and fern gardens, English cottage gardens and naturalized wildflower gardens

Avant Gardens also covers a variety of outdoor construction services:

- Masonry such as flagstone patios, walks, steps and garden walls of stone
- Brick and belgian block walkways
- Decks, trellises, arbors and play structures
- Ambient and safety lighting
- Stone installation, cleaning and renovation

AVANT gardens
Garden Design & Construction

Call 215-634-6332 for a free consultation

A Step of Faith



Choosing a new community is a big step. At PresbyHomes & Services, your step of faith will be matched by one of our own. Our residential living, assisted living and healthcare services are grounded in a faith-based commitment to provide the highest quality of care to older adults of all backgrounds and faiths. It's a commitment backed by a half-century of service.

Call today, and experience the Presby difference.

PresbyHomes & Services

A ministry to older adults by the Presbytery of Philadelphia

Rydal Park · Rosemont Presbyterian Village · Broomall Presbyterian Village
Spring Mill Presbyterian Village · Emily A. Markle Health Center · HUD Communities

Tollfree: 1.877.9PRESBY www.presbyhomes.org

University of Cambridge
Summer Study Program for Adults

July 14 - 27, 2002

LEARN at the University of Cambridge with distinguished Cambridge faculty.

LIVE in residence at beautiful Downing College. Most rooms have private bath.

CURRICULUM tailored to the interests of adults who are looking for a unique educational and cultural experience.

COURSES:

- Castles and Cathedrals
- British Gardens
- Oscar Wilde
- The Elizabethan Age
- The Churchill Years

Credit is available.

For brochure write or call . . .

Office of Cooperating Colleges
714 Sassafras St., Erie, Pennsylvania 16501
Ph. (814) 456-0757 Fax: (814) 453-5502
www.cssp.net

Your garden is your sanctuary... come to Mostardi's for distinctive plants, expertise and inspiration.

MOSTARDI
NURSERY

4033 West Chester Pike (Route 3) Newtown Square, PA 19073

610.356.8035

www.mostardi.com

Classifieds

ANTIQUE BOOKS

RARE & PREVIOUSLY OWNED BOOKS ON HORTICULTURE & BOTANICAL PRINTS
- Bought and Sold
Polly Goldstein
37 Lochwood Ln.
West Chester, PA 19380
(610) 436-9796
E-mail: *GrannyPol@aol.com*

BUSINESS FOR SALE

GARDEN CENTER AND GIFT SHOP

Main Line location includes valuable real estate offering opportunity for growth or development. Very profitable with potential for rapid growth.
SUNBELT NETWORK 610-941-2177

GARDEN SHOPS

MARANO GARDENS, LLC
(formerly Fort Washington Garden Mart)
A family owned garden center serving area since 1960, offering an extensive selection of plants and containers.
• Beautiful hanging baskets, mixed garden containers.
• Dwarf conifers and alpine troughs.
• Culinary and medicinal herbs.
• Cutting edge annuals, tropicals and perennials, including the Beds & Borders line.
• Ornamental trees and shrubs, emphasizing native varieties and PHS Gold Medal winners.
MARANO GARDENS, LLC
488 Bethlehem Pike
Ft. Washington, PA 19034
215-646-3336
Minutes north of Chestnut Hill, or 4 miles from the Blue Route.

BONSELL'S NURSERY
Choose from our large selection of high quality trees, shrubs, and perennials, many grown at our nursery. Including 2002 PHS Gold Medal Winners
Physocarpus o. 'Diablo'
Buxux s. 'Vardar Valley'

Conveniently Located near 309 & the PA turnpike.
Open Mon-Sat 9-5, Sun 10-5
1245 Fort Washington Ave.
Fort Washington, PA
215-643-2418

GARDEN ROAD GREENHOUSE
Unusual annuals, 500 Varieties perennials and flowering shrubs, Herbs, Roses, Combination baskets, and Containers. Take Rt. 55 South to Exit 35B, 60 West 3 miles to:
402 Garden Road
Pittsgrove, NJ
856-358-3032

Jerry Fritz Garden Design, Inc.
Presents
Linden Hill Gardens

Featuring an extensive collection of cutting edge plants from the world's most respected nurseries.

Exceptionally Planted Earthenware
Source for 2002 Gold Medal Winners
10% discount for Cardholding PHS members

Spring Plant Event Weekends
10am to 5pm
April 13 and 14
May 4 and 5 May 11 and 12
June 1 and 2 June 22 and 23

Phone for our complete schedule of Behind-the -Scenes Tours, Garden Walks, and Plant Events

8230 Easton Road (Route 611)
Ottsville, Bucks County
Pennsylvania 18942
phone: 610-847-1300
fax: 610-847-1324

GARDEN STRUCTURES

HANDCRAFTED IRON GARDEN STRUCTURES
Arbors, Trellises, & Gates
in the tradition of elegance, beauty and permanence.
Full Color Catalog $5
The Painted Garden, Inc.
304 Edge Hill Road
Glenside, PA 19038
(215) 884-7378

HERITAGE STONE & MARBLE
We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.
FLAGSTONE, BRICK-patios and walkways, COBBLESTONE-edging and paving, STONE walls, RETAINING walls, MARBLE, GRANITE-floors, walls, countertops.
(215) 699-5611 **Upper Gwynedd, Pa.**

GREENHOUSE CONSTRUCTION
Sales and Service
Janco, Lord & Burnham and more.
Call Robert J. LaRouche at
Glass Enclosures Unlimited
(610) 687-2444

THE SUNWORKS CORPORATION
• Greenhouse Sales: Residential, Commercial and Institutional.
• Installations: Of greenhouses from any manufacturer, shading and ventilation systems.
• Maintenance: Reglazing, reskinning, painting, cleaning. Emergency repairs.
Call **(302) 655-5772**, ask for John Klein

WROUGHT IRON REVIVALS
Specializing In Garden and Patio Furniture Restoration
Free pick and Delivery
Conshohocken, PA
610-941-3508

LANDSCAPE DESIGN

S. Edgar David and Associates
Landscape Architects
Site Planning and Garden Design

Outdoor Spaces, Lighting, Pools, Ecological Restoration

Transforming the landscape with innovative solutions

Design Studio **610-584-5941**

Burke Brothers
Landscape Contractors, Inc.
A PROFESSIONAL DESIGN/BUILD FIRM
Experts in Landscape Renovation, Naturalistic and Classic Formal Gardens. Landscape Construction, Unique Patios, Terraces, Creative Stone Work, and Landscape Lighting.
Major Award Winning Exhibitor Philadelphia Flower Show.
610.520.2025 215.887.1773
www.burkebrothers.com

LINDA CORSON
LANDSCAPE DESIGN
•Consulting
•Plans
•Supervision
Registered Landscape Architect
Member ASLA **215-247-5619**

Environmental Landscape Associates, Inc.
• Landscape Architects & Contractors
• Formal/Period/Naturalistic Gardens
• Creating outdoor living spaces of distinction
• Master Plans/Phased projects
• Let us make your desires become reality
P.O. Box 2191 Doylestown, PA 18901
Toll Free: 1-800-ELA-9252

David Brothers Landscape Services
Bean Road Nursery
Architects, Builders and Nurserymen
Providing the Fine Art of Garden
Construction and Landscape Restoration
(215) 247-2992 (610) 584-1550 (610) 525-3232

Green Team Gardeners
Assurance of Fine Gardens
Vicki Fox 215-482-1058
Bill Hengst 215-438-9438
562 Hermit Street, Philadelphia, PA 19128
Fax: 215-482-9063
Email: *VickBrick@aol.com*

DONALD PELL GARDEN SERVICES
Creating & maintaining gardens with expert horticultural craftsmanship.
View our portfolio of landscape designs online at *www.donaldpell.com* or call 610.917.1385 for a brochure and consultation.

LANDSCAPE MAINTENANCE

ANDREW C. BECK
LANDSCAPE MAINTENANCE
A Dependable Source for All Your Landscape Needs.
Serving CHESTNUT HILL & MONTGOMERY COUNTY
• Lawn Mowing
• Garden Care, Mulching, Planting
• Tree & Shrub Pruning
• Organic Fertilization & Aeration
• Spring & Fall Clean up
• Property Management
Insured **215-233-9401** References

Awbury Landscape Services, Inc.
A subsidiary of Awbury Arboretum Association Provides Lawn Maintenance, Spring and Fall Clean-up, Plant Installation, Bed Preparation and Mulching, Tree Planting, Pruning and Removal. One Time or Yearly Service Contracts.
Contact Steve Pascavitch at
(215) 849-2855 ext. 24

Sharon Marsocco Gardening
Creating Beautiful Gardens
Specializing in Perennial Maintenance, Containers, and Garden Makeovers.
References
(215) 285-5495

James Farr Landscape
(215) 778-2325

Large plant transplanting
All plants hand dug, balled and burlaped, the old fashioned way. Some plants available:

• Southern magnolia 'Edith Bogues' (20-25ft) ($3140)
• Kousa dogwood (16-18ft)($1680)
• Weeping Elm (20ft wide) ($1640)
• Swiss-stone pines (14-18ft) ($2860)
• Lacebark pines (16 to 20ft) ($2320)
• American hollies (15 to 18ft) ($2640)
• Rapendens yew (8 to 10ft) ($940)
• azaleas (10ft) • rhododendron • yews, etc.

Instant privacy, plants in scale with existing landscape.

MULCH

PINE NEEDLE MULCH
Won't change soil pH
Wholesale and retail
FLOWERS BY THE YARD
610-701-9283
renee52@erols.com

RESTORATION

REED'S WOODS, INC.
QUALITY WORK AT A FAIR PRICE
Custom Builder
Restorations, Remodeling
Greenhouses
Springhouse Restorations
Decks, Carpentry & Landscape Structures
Jamie Reed
2125 Bodine Road
Malvern, PA 19355
(610) 827-9663

SHADE PLANTS

SHADE PLANT OPEN HOUSES
APRIL 13, APRIL 27, MAY 18 (highlighting hostas and ferns) & JUNE 8, 2002, 10AM - 3PM, RAIN OR SHINE

Carolyn's Shade Gardens in Bryn Mawr, PA
Over 200 varieties of perennials for shade for sale and displayed throughout several acres of gardens.
Showy and colorful flowering plants that thrive in full shade.
Native Plants, Hostas, Ferns, Wildflowers, Anemones, Corydalis, Epimediums, Hardy Cyclamen, Hellebores, Pulmonaria
Call 610-525-4664 for a plant list and directions.

TREE SERVICE

TREE TRANSFERS, INC.
Large Tree Transplanting and Sales
Machine and Specialized Hand Digging
Dealers and Locators of Large Horticultural Specimens
Mature Screening and Shade Trees
Assessing and Renovating Mature Collection and Estate Gardens
Plant Material Purchased
(215) 635-2310

Tree Transplanting & Sales
• Machine & hand digging
• Supply & install specimen plants
• Locate/Purchase mature trees
• Why Wait for mother nature?
Environmental Landscape Associates, Inc.
P.O. Box 2191 Doylestown, PA 18901
Toll Free: 1-800-ELA-9252

UNUSUAL SPECIMENS

HOSTA
Over 100 varieties
Assorted perennials,
Ferns, shade plants.
Michael's Country Nursery
165 Tuckertown Road
Medford, NJ
856-983-6512

RARE & UNUSUAL PLANTS
• Specimen plants • Pond plants • Bonsai
• Orchids • Hardy cacti • Tropicals
• Sculptured trees and shrubs • Perennials
• Unique Flower and gift shop.
MUTSCHLERS' FLORIST & RARE PLANTS
1-800-242-9438
www.mutschlers.com

Tulips for the Teacher



"What happens to all those flowers and plants after the Show?" It's a question that comes up every year at the Philadelphia Flower Show, and each exhibitor has his or her own answer. While some trees and woody plants can be returned to nurseries, most flowering plants, especially bulbs, have been forced into bloom outside of their normal season and must be thrown away.

But when a local teacher posed that question a few years ago to Tom and Karen Snyder of the Netherlands American Business Association, a special collaboration was born. The teacher, Barbara Rosenzweig, wanted to use the spent bulbs from the Netherlands American exhibit to teach her sixth graders about plant biology.

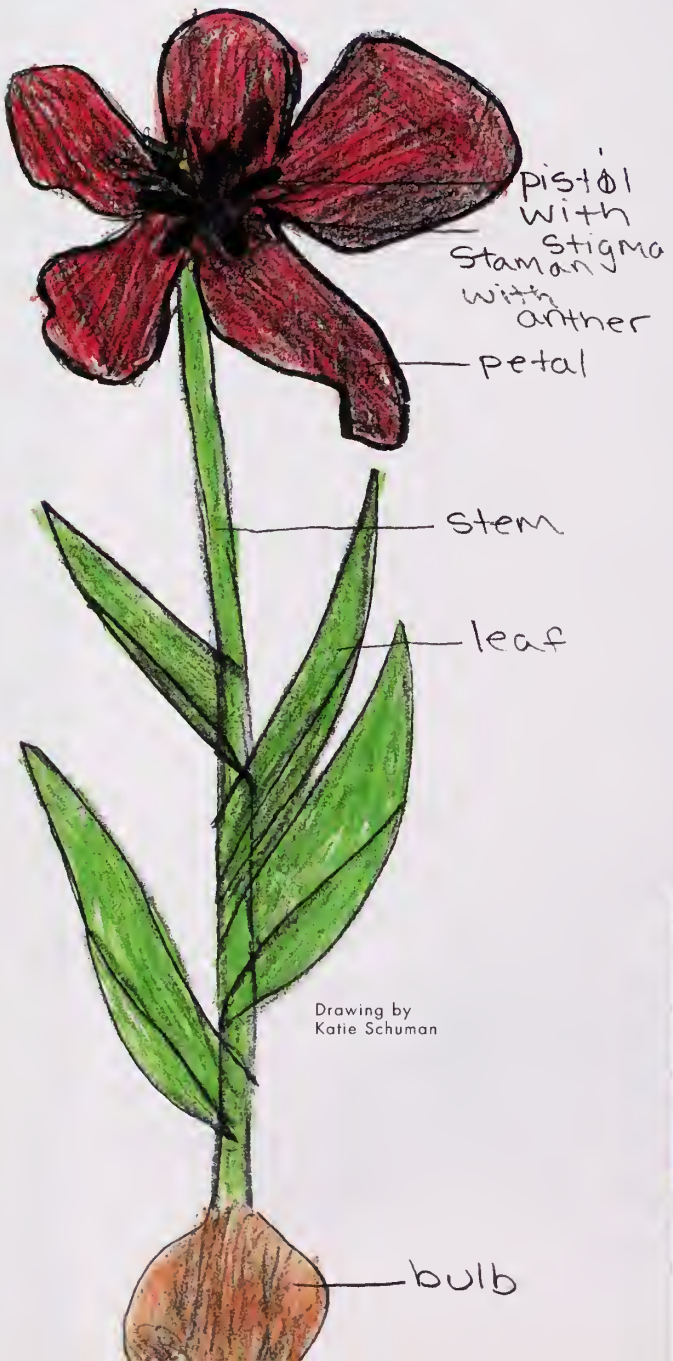
Rosenzweig teaches life science at Upper Moreland Middle School in Hatboro, Pennsylvania. An avid gardener, she knew a good angiosperm when she saw one. She had sometimes brought tulips and daffodils from her own garden for students to study in their "angiosperm lab." But she never had a sufficient variety or enough flowers for all 10 classes taught by herself and fellow teacher, Paula Dawson.

"Hands-on experiences are so important in teaching," says Rosenzweig. "You can tell students that a bulb is a storage mechanism for the plant, but when they can see it and handle it, that's when it really begins to make sense to them."

In the classroom, the students examine the bare bulbs, identifying the different parts of the flowers, diagramming and dissecting them to get a better understanding of how plants function. "Thanks to the Snyders, we now have enough plants for each group of students to study a number of species," says Rosenzweig.

It wasn't hard to convince Tom Snyder, whose business is based in Abington, to donate the bulbs to the nearby school. "It's a 'win-win' situation," says Snyder. "It's a great solution to the problem of what to do with our Flower Show bulbs, and it's a great experience for the kids."

—Jane Carroll



Drawing by Katie Schuman



Tell Us Your Dream

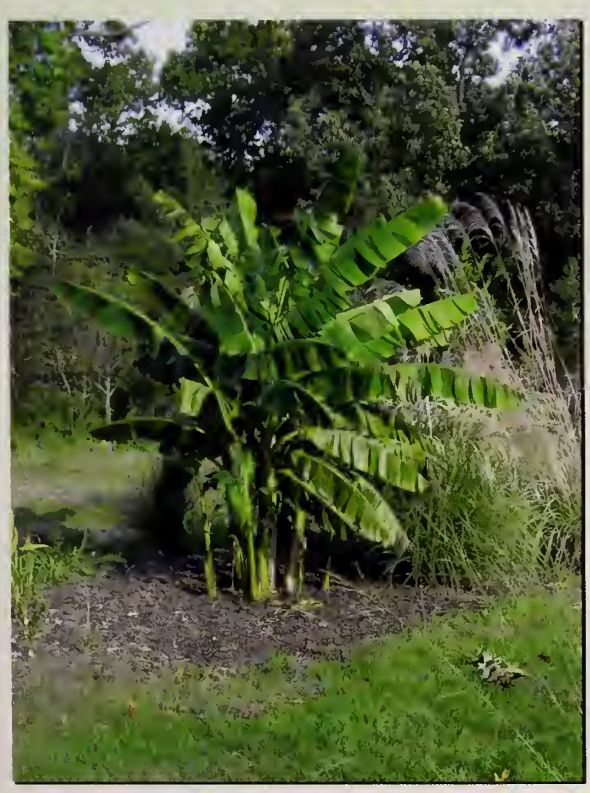


Gale Nurseries has been designing and building exquisite, award-winning garden dreamscapes for three generations.
And our garden projects are as diverse as your dreams that inspire them:

- Period gardens that relate to architecture and personalities
- Natural, native plantings that create quiet, inviting areas
- Contemporary designs for a bold, exciting statement
- Older plantings refurbished, reworked and revitalized

Gale Nurseries

A Design/Build company for Period, Native and Contemporary Gardens
Charles H. Gale Jr. B.S. Ornamental Horticulture
1716 School House Road, Box 264 • Gwynedd PA 19436 • 215.699.4714 • fax 215.699.3203 • gale@netcarrier.com



Triple Oaks Nursery & Herb Garden

Exceptional and hard to find:

Trees
Shrubs
Perennials
Herbs
Ornamental Grasses
Native Plants
Hardy Tropicals - Musa basjoo pictured hardy to zone 5!
Hardy Camellias

www.tripleoaks.com
Your source for rare, exotic, or native plant material for any season!

See our extensive plant guide and garden articles on the web at www.tripleoaks.com

Triple Oaks Nursery And Herb Garden - Delsea Drive - Franklinville, NJ - (856)-694-4272 - www.tripleoaks.com



Proprietary Research | Unparalleled Investment Experience | **Personalized Service** | Networking Opportunities | Estate Planning

We understand that while all investors may share the same basic goal, how you achieve your goal differs. Our low client-to-advisor ratio ensures you get the care, time and attention to detail you expect. Plus, our Women's Financial Services Network offers seminars to help you make better-informed decisions. All of which helps you reach the most important goal of all. Your future. For more information, call **215-585-5438**, or visit **www.pncadvisors.com**.

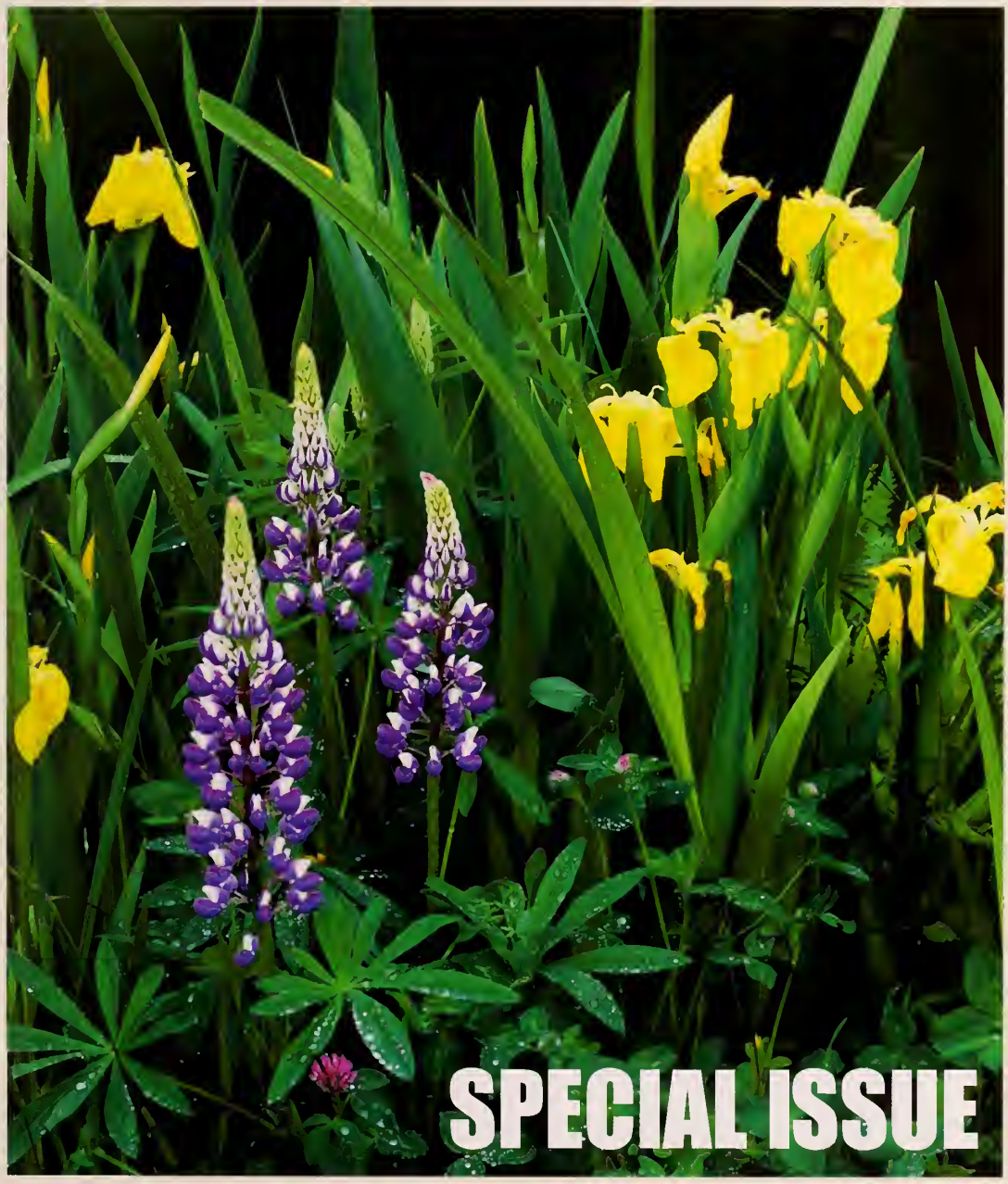
PNC ADVISORS

The Thinking Behind The Money.

©2000 The PNC Financial Services Group, Inc. PNC Advisors is a service mark of The PNC Financial Services Group, Inc., for investment management, banking and fiduciary services.

GREEN scene

THE PENNSYLVANIA HORTICULTURAL SOCIETY JUNE 2002 • $5.00



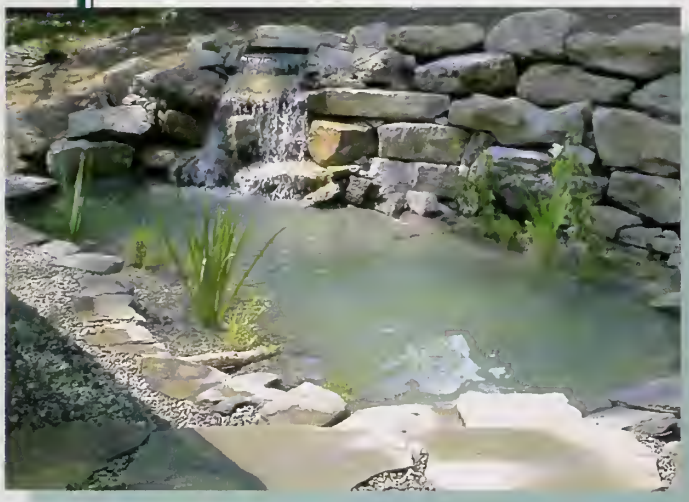
SPECIAL ISSUE

COLOR COMBINATIONS

GARRETT CHURCHILL

A LANDSCAPE DESIGN & BUILD COMPANY





- SITE DEVELOPMENT / PLANNING
- LANDSCAPE DESIGN
- LANDSCAPE CONSTRUCTION
- HORTICULTURAL SERVICES/MANAGEMENT
- LANDSCAPE LIGHTING
- AQUATIC GARDENS
- WATER FEATURES

The mission of Garrett Churchill is quite simply to create an outdoor environment that allows our clients to enjoy their properties by showcasing their individual lifestyles or corporate culture. This mission is accomplished through creative design/build services as well as enlightened horticultural and management practices.



ALCA Associated Landscape Contractors of America

Pennsylvania Landscape & Nursery Association

ANLA American Nursery & Landscape Association

For more information please check out our website at www.garrettchurchill.com

E-mail info@garrettchurchill.com

1509 Edge Hill Road · Abington, Pennsylvania 19001 · 215-884-3766 · Fax 215-884-3672



Photo: Residential, Late Summer 2001.

Fine Garden Creations, Inc.

Landscape and Garden Design, Installations, and Tree Work

FINE GARDEN CREATIONS • 610-338-0630 • info@finegardencreations.com
www.finegardencreations.com

Cathedral Village

22 Years of Achievement

Committed to...

Resident Satisfaction...starting with our own dining program that offers flexibility, choices, and a distinctive presentation of meals prepared by our Executive Chef, a graduate of the Culinary Institute of America in New York.

Creativity...which is reflected in the vibrancy of our award-winning retirement community. The atmosphere at Cathedral Village is frequently compared to a vacation resort.

Innovation...which has resulted in our trend-setting Health Club and Fitness Program, our expansive Greenhouse and Horticultural Program, and much more.

Vision...an on-going process that anticipates changing trends in future residents' expectations and establishes tomorrow's new standards. Our vision has earned us certification as a Retirement Resort™, our reward for not accepting the norm.

Value...which has earned us a reputation of providing more types of care and services for your dollar than any other community. Compare and see what real value means!

Visit us Monday through Friday between 9 a.m. and 4 p.m.
Appointments are encouraged for weekdays and are necessary on weekends.

Cathedral Village

600 East Cathedral Road, Philadelphia, Pennsylvania 19128
(215) 984-8622 Website: www.cathedralvillage.com

A Nonprofit, Nondenominational CCRC

Equal Housing Opportunity

Certified Member The World's Finest Retirement Resorts™ Active Retirement Living

Affiliated with the Jefferson Health System

Contents

FEATURES

10 The Elements of Combining Color
Noted author Sydney Eddison instructs us on the basics of combining color in the garden. From tints to tones and every color of the rainbow in between, here are the ground rules for this exciting area of garden design.

16 Color in Containers
Container gardening is *hot, hot, hot*, so what would be more apropos than a look at using pots in our never-ending quest to find the perfect color combination. Light and portable, containers give horticultural color blending a kind of mobility unavailable to those who plant in the earth itself. Join the photographic team of Alan and Linda Detrick for a wonderful photo essay on this subject.



22 A Perennial Favorite
Stephanie Cohen is known far and wide for her expertise on perennials, as well as her colorful lectures on the subject. But what does this expert plantsperson's own garden look like? In this special *Green Scene* garden visit, crafted by writer/photographer Rob Cardillo, you will get a personal tour through Stephanie's magical garden, where subtle combinations of hue abound and delight the senses.

30 Enchanting Chanticleer
For daring color combinations, look no further than the complex bedding schemes at Chanticleer, a pleasure garden in Wayne, PA. Here, executive director Chris Woods displays photographs of several uncanny—and unconventional—color combinations, each compelling in its own way.

COLUMNS

37 Savoring Herbs: *Blending Basils*
by Alexandra Basinski

39 Organic Matters: *The Natural Lawn*
by Rob Cardillo

40 Beguiling Bulbs: *Cultivating Clivias*
by Kathryn Andersen

42 Classified Ads

44 Backyard: *Pondering Pink*

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

Cover Photo of *Iris pseudacorus* and *Lupinus* 'Russell Hybrids' by Steve Silk

PRINTED ON RECYCLED PAPER

GREEN SCENE

Editor
Pete Prown

Associate Editor
Jane Carroll

Publications Assistant
Laurie Fitzpatrick

Art Design
Baxendells' Graphic

Publications Committee
Stephanie Cohen
Alan Detrick
Linda Detrick
Beverly Fitts
Anne Kellett, *ex officio*
Adam Levine
Jennifer Lin
Marby Sparkman
Bill Stieg
L. Wilbur Zimmerman

Printer
ALCOM Printing Group, Inc.

18 27
THE PENNSYLVANIA HORTICULTURAL SOCIETY

100 N. 20th St.
Philadelphia, PA 19103-1495
(215) 988-8800

Chair
Anne Kellett

President
Jane G. Pepper

Executive Vice President
J. Blaine Bonham, Jr.

PHS Membership Information
Linda Davis, (215) 988-8776

Display Ads
Kim Richards at Manzo Communications, (610) 527-7047 *kim4manzocomm@aol.com*

Classified Ads and Subscription Services
Laurie Fitzpatrick, (215) 988-8769
lfitzpat@pennhort.org

Ask A Gardener Phone Line
(215) 988-8777, Monday through Friday, 9:30 to 12 *[closed in December]*
askagardener@pennhort.org

Web Site
www.pennsylvaniahorticulturalsociety.org

GREEN SCENE (USPS 955580), Volume 30, No. 3, is published bi-monthly (February, April, June, August, October, December) by The Pennsylvania Horticultural Society, a non-profit member organization at 100 N. 20th St., Philadelphia, PA 19103-1495. Subscription: $16.95. Single Copy: $3.00 (plus $2.00 shipping). Second-class postage paid at Philadelphia, PA 19103. **POSTMASTER**: Send address change to GREEN SCENE, 100 N. 20th St., Philadelphia, PA 19103.

© Pennsylvania Horticultural Society, 2002

GREEN SCENE subscriptions are part of the membership benefits for:
Cox Arboretum, Dayton, Ohio
Frelinghuysen Arboretum, Morristown, NJ
Horticultural Society of Maryland, Baltimore
Horticultural Society of New York
Phipps Conservatory, Inc., Pittsburgh, PA
Staten Island Botanical Garden, Inc, New York



J. Franklin Styer Nurseries
1890

LANDSCAPE & DESIGN SERVICES
Design • Installation • Maintenance • Residential • Commercial
Registered Landscape Architects & Designers
914 Baltimore Pike, Concordville, PA 19331
610.459.2400 • www.styers.com



ARCHER & BUCHANAN ARCHITECTURE, LTD.

125 WEST MINER STREET
WEST CHESTER, PA 19382

610-692-9112

Considering Color



Combining color is among the most rewarding—and challenging—areas of garden artistry. It's one thing to stick some plants in the ground and make them thrive; it's quite another to make them relate to each other in a harmonious composition. And that's what color combinations are all about: turning your garden into a unified tableau that pleases the eye.

In my early gardening years, I stumbled upon the power of color combinations quite by accident. The first time came one spring when my tulips—planted the previous autumn—sprouted from the cool earth. There, right in front of my living room window, was a simply horrifying clash of soft pink and hot sherbet-orange blossoms. Some six months earlier, I had spent a fall afternoon happily digging a few packs of bulbs into the ground, thinking little of what would happen the following May. But now I knew—*a queasy cacophony of color.*

The second lesson followed shortly thereafter when a neighbor complimented me on having the foresight to plant a bright yellow iris in close proximity to a *Euonymous fortunei* shrub, which echoed the iris' bold yellow in its own leaf margins. I thanked her and, like any good gardener, took humble credit for planning a "color echo" (nods to author Pamela Harper, who coined this term and wrote a useful book with that title). But secretly, I made a mental note about the power of placing related hues near each other. Both incidents made me think of my garden not as a collection of individual plants, but as a larger picture waiting to be composed.

So where does one start when learning to use color? Some planters will play it safe with a simple "think pink" scheme from spring 'til fall, essentially banning all hot colors (yellows, oranges, and all the many reds) from their beds and working with a palette of pinks, blues, violets, and whites. For a romantic look, this works extremely well.

More daring folks will try complete color conversions throughout the months, timing their plant colorings to shift from cool to hot depending on the month. For example, your spring display could be filled with blue scilla, white daffodils, soft pink tulips, and purple rhododendrons, until mid-summer brings on hot yellow rudbeckia and daylilies, rocket-red cosmos and snapdragons, and fiery orange Mexican sunflowers (*Tithonia* sp.). Then later in the summer, the cool colors of asters, sedum, cleome, and boltonia can weave their way back into the scheme. Sounds tricky, but with a bit of planning, this type of daredevil coloring can be accomplished quite successfully.

And this is just the tip of the paintbrush. Color combinations can involve your own personal color blends at any time of the year. One can also use container plants to keep the chromatic display constantly changing, or skip the blossoms altogether and work on mixing complex arrays of green foliage. Indeed, there are zillions of green shades to experiment with. And don't forget the true color zealot, who will rip out any plant that hits a disharmonious note and throw it on the compost pile without batting an eyelash. After all, to the garden colorist, it's the whole composition that matters.

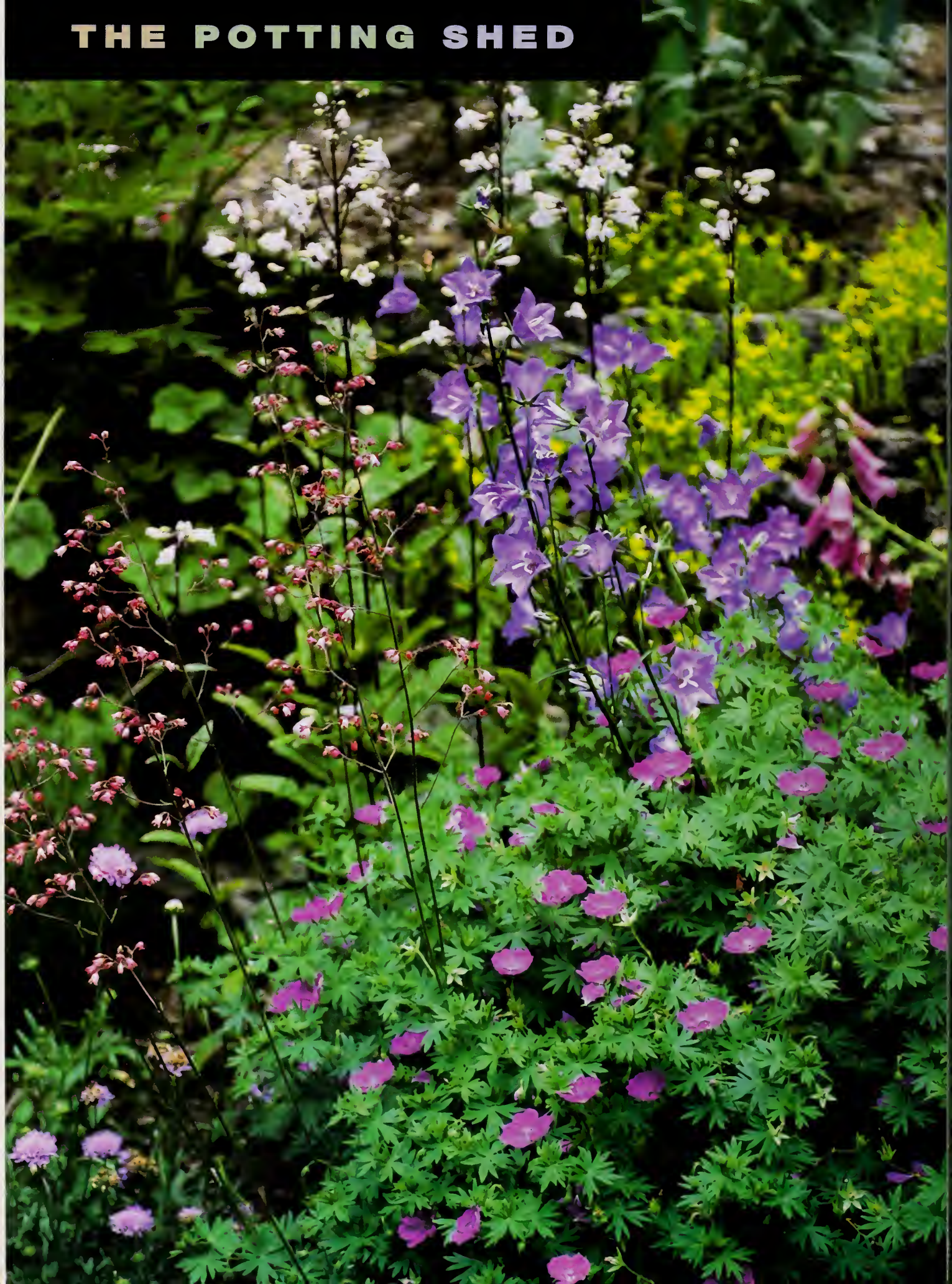
In this special issue of *Green Scene*, we'll hit on several of these "colorful" themes. Noted author Sydney Eddison will fill us in on the basics of garden color, while Chris Woods of Chanticleer in will take us to the other extreme, showing off the virtuosic combinations at that cutting-edge garden. We'll also give you stories on using containers, using classic "cottage" colors, and a special visit to the home garden of plantswoman and educator Stephanie Cohen, well-known for her deft handling of color, scale, and texture.

So get out your color wheels and start thinking about the differences between purple, violet, lavender, and magenta, and how each relates to, say, *canary yellow.* At the end of the day, it's this kind of subtle understanding of color that separates great ornamental gardeners from the merely good ones.

Pete Brown

email: *greenscene@pennhort.org*

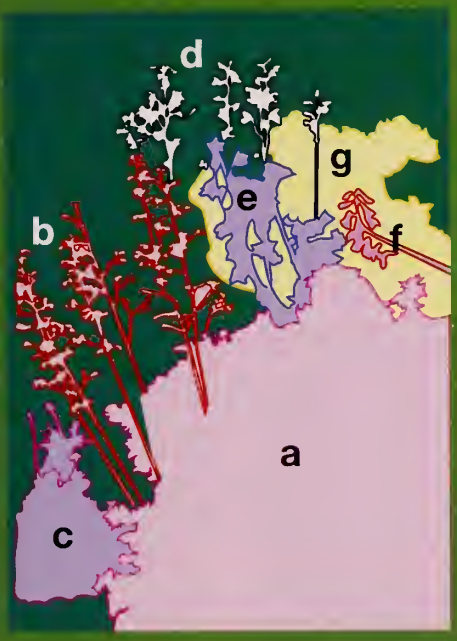
THE POTTING SHED



COTTAGE COLORS

Story by Terry Jones / Photos by Pete Prown

Even the most jaded garden modernist can't help but swoon over the thought of a cottage with abundant flower borders beckoning you outdoors. One such abode exists in a small town west of Philadelphia, where its owner carefully tends the gardens, always keeping an eye on the color scheme surrounding this 1920s Arts & Crafts cottage.



Above & Left: A dazzling display of color harmony, here is a melange of electric-fuchsia geraniums (a), salmon-pink coral bells (b), blue-pink pincussion flowers (c), white-pink *Penstemon* 'Husker Red' (d) and violet *Campanula persicifolia* 'Telham Beauty' (e), with purple foxgloves (f) and bright lemon-green *Sedum acre* (g) in the distance.



Above: Stunning in simplicity, but masterful in effect, this combination of a deep pink *Aubrieta* 'Royal Blue' with the feathery white-green blossoms of a *Tiarella cordifolia* 'Running Tapestry' works perfectly against this rustic stone wall.

COLORING BOOKS

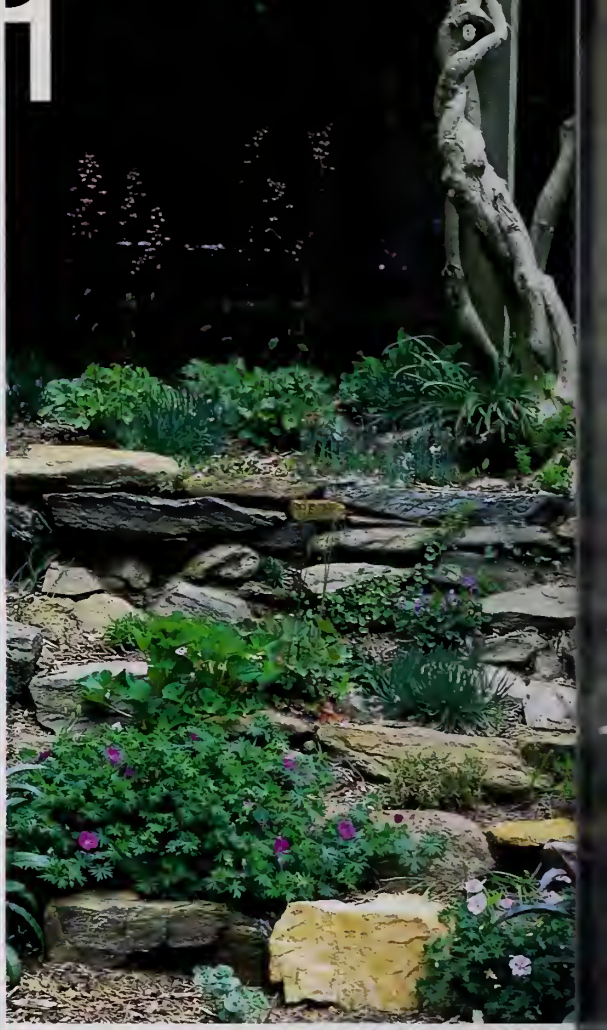
Visit the McLean Library to take out these essential books on color in the garden, or use the Books-by-Mail service for PHS members (more information below):

- ***The Bold & Brilliant Garden*** Sarah Raven, 1999 (Adams Media Corp.).
- ***Color by Design: Planting the Contemporary Garden*** Nori and Sandra Pope, 1998 (SOMA Books).
- ***Color Echoes: Harmonizing Color in the Garden*** Pamela J. Harper, 1994 (Macmillan).
- ***Color for Adventurous Gardeners*** Christopher Lloyd, 2001 (Firefly Books).
- ***Color in Garden Design*** Sandra Austin, 1998 (Taunton Press).
- ***Colorful Gardens: Contrast & Combine Your Plants & Flowers for Spectacular Visual Effects*** Modeste Herwig, 1994 (Sterling).
- ***The Flamboyant Garden*** Elisabeth Sheldon, 1997 (Henry Holt).
- ***The Gardener's Book of Color: Creating Contrasts, Harmonies, and Multicolor Themes in Your Garden*** Andrew Lawson, 1996 (Reader's Digest Assoc.).
- ***The Gardener's Palette*** John Dale, 1992 (Harmony Books).
- ***The Gardener's Palette*** Jenny Hardy, 1998 (Knickerbocker Press).
- ***Gardening with Light & Color*** Marylyn Abbott, 2000 (Kyle Cathie Ltd.).
- ***The Harmonious Garden: Color, Form, and Texture*** Catherine Ziegler, 1996 (Timber Press).

—Jane Alling

The PHS McLean Library is located at 100 N. 20th Street, Philadelphia, PA.
telephone: (215) 988-8772 • **email:** *mcleanlibrary@pennhort.org* •
website: *www.pennsylvaniahorticulturalsociety.org*









1) Subtle color echoes abound on this rocky ledge next to the patio. At the base, an unknown magenta geranium and the light pink *Geranium sanguineum* var. *striatum* lead the eye upwards to a parade of rosy coral bell spikes at the summit.

2) In May, white bleeding heart (*Dicentra spectabilis* 'Alba') fills the foreground, while the muted violet hues of a mature wisteria explode on the pergola.

3) A study in subtlety, the white-green blossom of this astilbe is framed beautifully by the cottage's tawny stucco walls.



4) Behind the garage sits this border brimming with hostas, coral bells, penstemon, 'Queen Elizabeth' roses, hardy geraniums, campanula, pulmonaria, and bleeding heart, with tall hollyhock foliage looming in the background. Note the focal point of a red *Dianthus*, one of the rare bursts of hot color in this otherwise cool planting scheme.

Of the numerous foxgloves, which re-seed readily, the gardener says, "I tend to let volunteers stay in place if they are vigorous and look good—they can often present happy color combinations. Gardening can sometimes seem like a struggle with nature, but I find it comforting that no matter what we do, nature is in charge...and has pretty good taste, to boot."



5) A long view of the sunken garden in May.

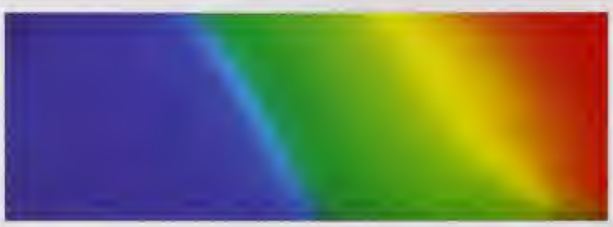
Color for Gardeners

Story by Sydney Eddison Photography by Steve Silk

DISCOVERIES MADE IN THE 17TH CENTURY by the great British physicist, Sir Isaac Newton, are still causing gardeners no end of headaches. Sooner or later, if you enjoy playing with color in the garden, you are bound to encounter Newton's theories about light.

In 1666, he proved that white light contains all the colors of the rainbow. His breakthrough experiment involved intercepting a sunbeam with a glass prism. To his great satisfaction, the prism separated the light into its respective colors: red, orange, yellow, green, blue, and violet. He described these colors as the "solar spectrum" and drew, in pen and ink, a circle divided into wedges showing their relationships to each other.

Prior to Newton's light demonstration, ideas about color had been based on pigments, like those used by artists. The consensus had always been that pigments were the source of color, making apples red and sunflowers yellow. So when this young upstart—Newton was a 23-year-old instructor at Cambridge University—informed the establishment that color was not a property of pigment, but of light, its members remained skeptical. According to *Webster's New World Dictionary*, color is "the sensation resulting from stimulation of the retina of the eye by light waves of certain lengths." Scientists today still have many questions about color. But for gardeners and artists, it is









Daffodils and forget-me-nots form a serene spring carpet.

more important to know what a color looks like than what it is, and to understand its relationship to other colors.

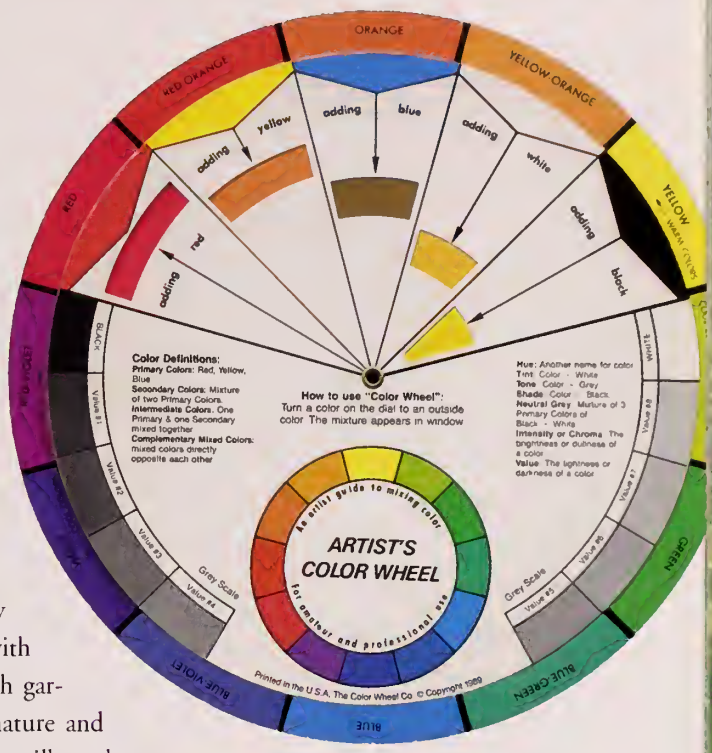
While Sir Isaac Newton continued to explore the mysteries of light and color vision, a French engraver, Jacques Christophe Le Blon was busy inventing color printing. In the process, he discovered that all other colors can be mixed from red, yellow, and blue—the so-called "primaries." Twenty years later, an English engraver named Moses Harris provided artists with the first full-color diagram of a color wheel.

If you are wondering what all this has to do with gardening, be patient for just a little longer. Using color in the garden is all about color relationships. That's where the color wheel comes in. Like Newton before him, Harris based his color wheel on the arrangement of hues in the rainbow: red next to orange next to yellow next to green and so on around the circle. Being an artist, he noticed that orange bore a family likeness to both its parents, red and yellow, and therefore, belonged between them.

Now, this *should* be of interest to gardeners because likeness is the fundamental ingredient in *harmony*, which is one of two basic ways of using color in the garden. In addition, Harris observed that colors that appear opposite each other on the color wheel are as different from each other as colors can get. And difference is the underlying principle in *contrast*, the other basic technique for using color in the garden. So there you have color theory for gardeners in a nut shell: contrast and harmony.

A $6 color wheel, available at any art store, will provide you with additional information, plus a great deal of fun. On one side, you will find descriptions of color schemes using both contrast and harmony. They are all worth trying. Even the contrasts are harmonious, if you interpret "harmony" as a pleasing, orderly arrangement of colors.

Take your pick from surefire attention-getters like contrasting "complementary" pairs. "Complementary colors" are those directly opposite one another on the color wheel. The classic pairs are red and green; yellow and violet; blue and orange. Complementary pairs, used at full strength, are a way of generating interest and excitement. They are employed again and again on book covers, calendars, and



catalogs. If they work here, they will work in containers, flower arrangements, and in the garden.

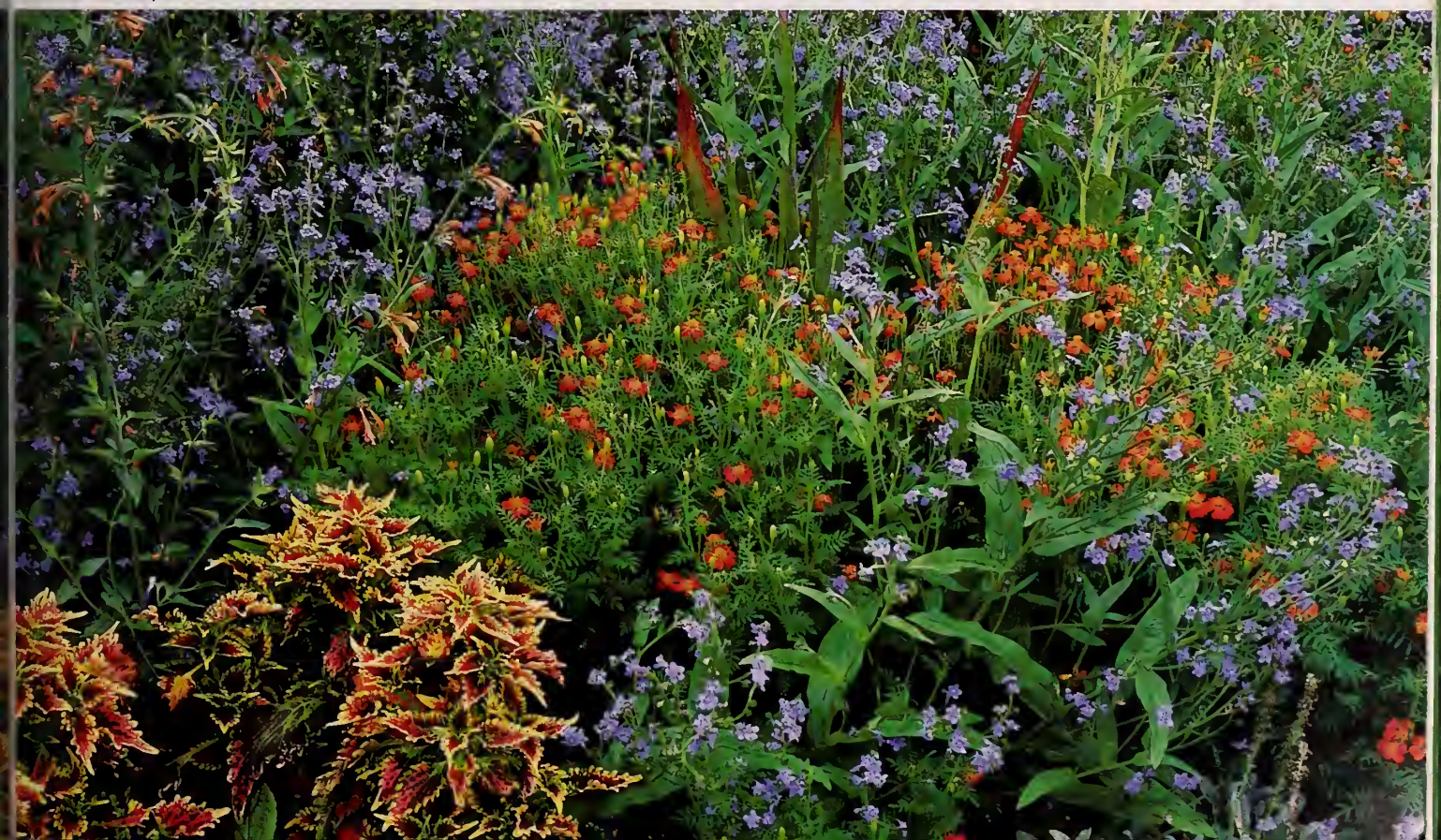
"Analogous" colors, which are next to each other on the color wheel and share a common pigment, are easily compatible because of their similarities. Try adjacent colors, such as red with red-orange for a "warm" color harmony; or violet with blue-violet for a "cool" harmony.

Although warm and cool are not physical attributes of color, we all get the idea. The hot colors are red, orange, and yellow because they remind us of embers, flame, and the heat of the yellow sun. The so-called cool colors—green, blue, and violet—suggest soothing shade and distant mountaintops. Warm colors make for bright, cheerful color schemes and a lively garden. Cool colors offer a more restful atmosphere.

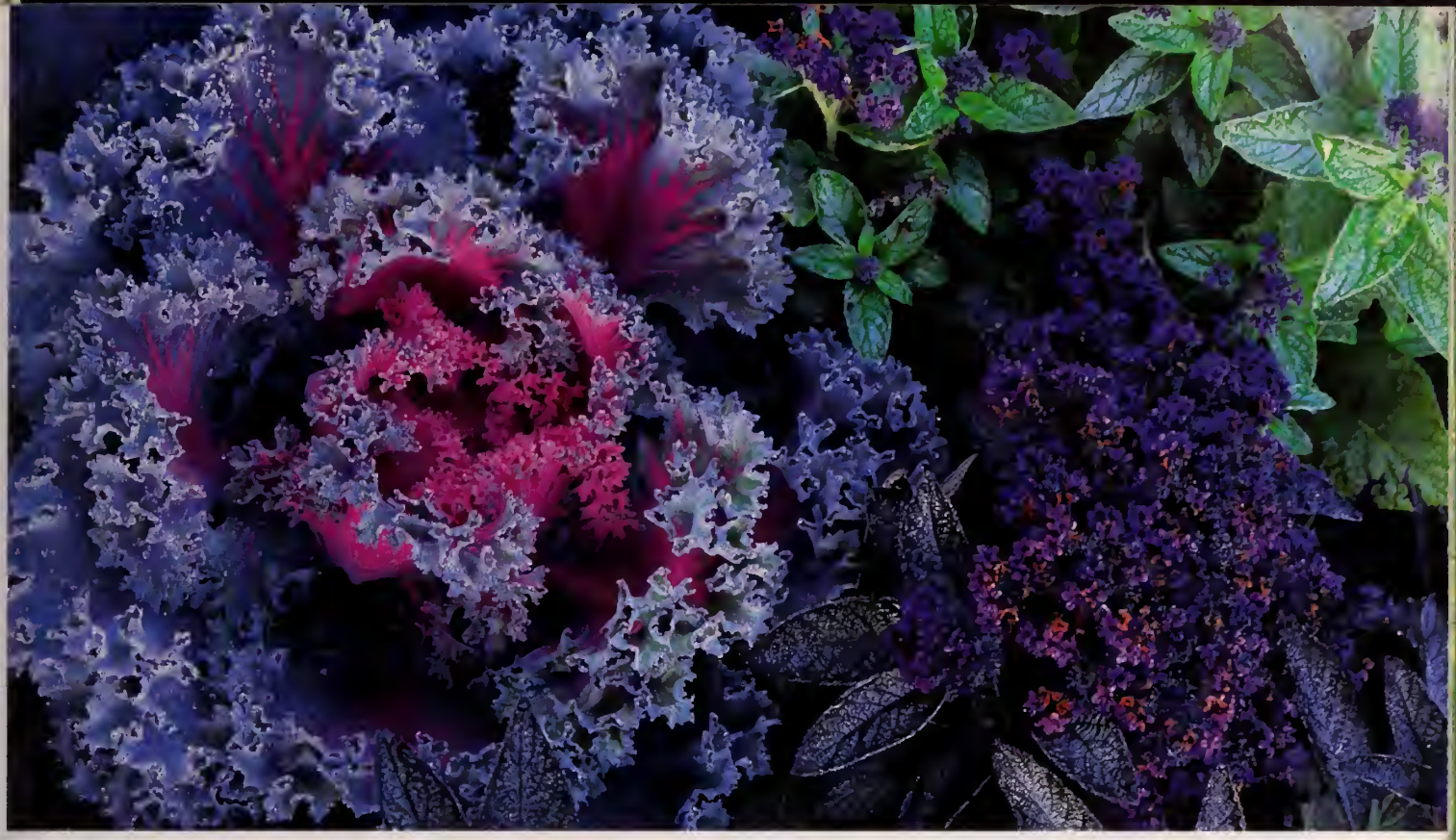
Fortunately, the vocabulary of color is non-technical and easy to master. In painting, any color with white added is called a *tint*; a color with gray added, a *tone*; and a color with black added, a *shade*. Although garden colors are premixed by nature and infinite in number, the terms still work. The pink of shrub rose 'Bonica' is a tint of red, while the red of the barberry *Berberis thunbergii* 'Atropurpurea Nana' is a tone, and the deep black-red of the tulip 'Queen of Night' is a shade.

Tints, tones, and shades are modified versions of each color and, as such, incredibly useful to gardeners. These modified colors can be employed to temper combinations that might otherwise be garish. For instance, the effect of the three primaries

Coleus and marigolds with *Anchusa capensis*.







Above: Purple kale and heliotrope make a cooling combination.
Opposite page: A fiery orange dahlia with the purple-pink of *Verbena bonariensis*.

together—red, yellow, and blue—can be blinding. However, as pastel tints of pink, primrose, and pale blue, they make a lovely ensemble.

Soft neutral tones have a dual role in the garden: to set off other colors on the one hand, or to reduce their intensity on the other. Intermingled with tints, tones, and shades of green, silver foliage can be counted upon to calm even the most lurid color scheme. Most of our so-called "silver" foliage plants are actually tones of gray-green or a grayish blue-green. These grayed colors are wonderful with the pastels because they don't overpower them. They are also perfect foils for bright colors.

As color preference is such a personal matter, laying down the law about colors and color schemes in the garden would be rushing in where angels fear to tread. Your garden is one place where the only thing you ought to do is please yourself. It's your garden and should reflect your personal color sensibility.

If you respond to contrasting color combinations, go for the complementaries. If gentle harmonies of lavender, mauve, and violet suit you better, all well and good. If you are a one-of-every-color sort of gardener, nature is on your side, providing cool green leaves to tie the disparate hues together. And if you are restrained by nature, a monochromatic scheme using shades, tints, and tones of a single color may be just your cup of tea.

If you don't know what kind of gardener you are or what your color preferences are, experiment. Play with the color wheel. Try some of the suggested combinations and put them to the test in containers. Container color schemes have the advantage of being moveable and temporary. You are never stuck with your mistakes. And while we're on the subject of mistakes, never be afraid to make them. Some of the best color schemes are happy accidents.

The most important thing about color in the garden is to enjoy it and not worry too much about what goes with what. After all, a good color combination is a color combination that you like.

Sydney Eddison is a former drama teacher and scene designer, veteran gardener, and author of several books, including *The Gardener's Palette: Exploring Color in the Garden*.

COLORFUL



All photographs by Alan and Linda Detrick, except where noted

CONTAINERS



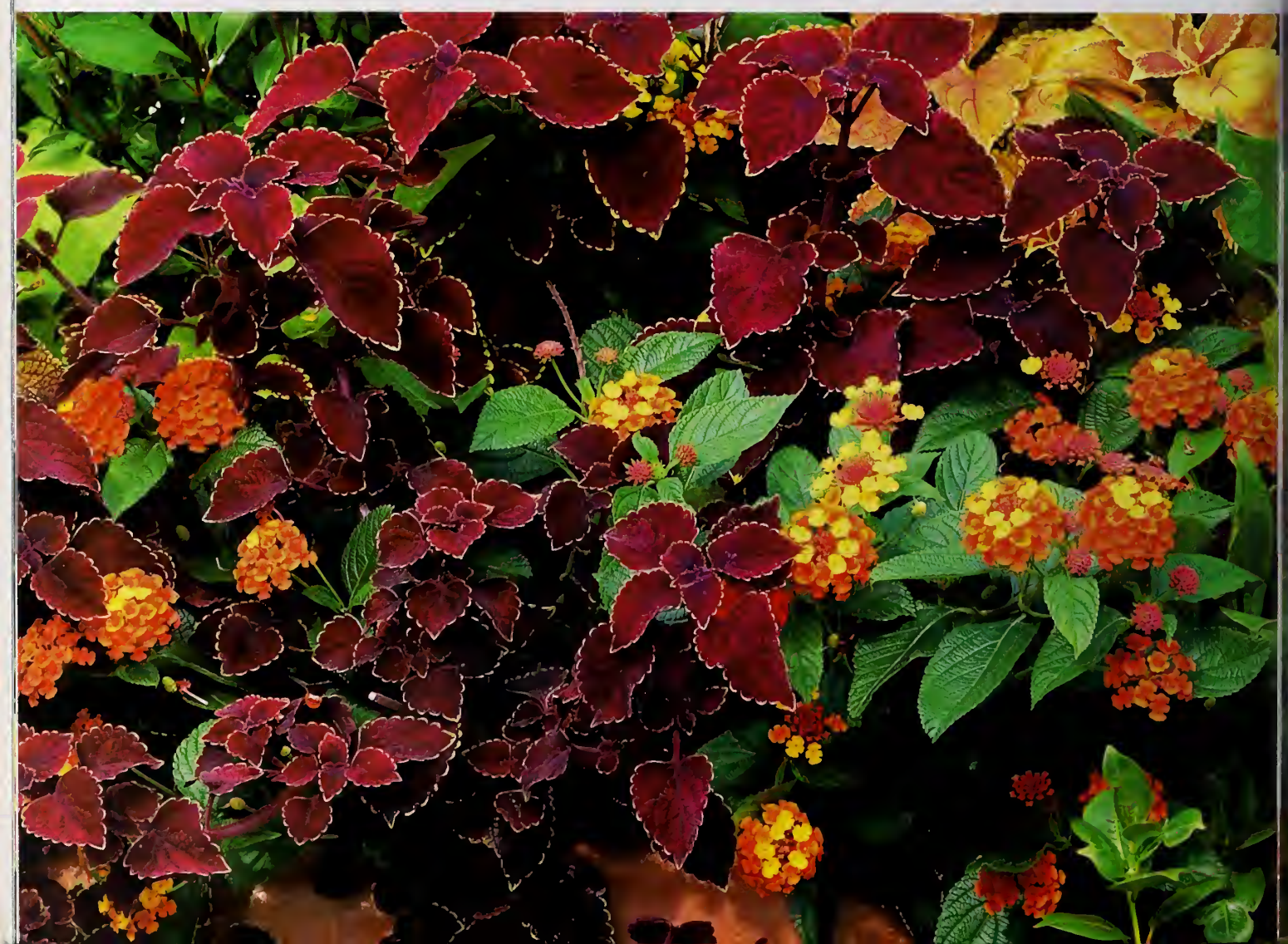
Great color combinations aren't just for in-ground gardens — they look fab in containers, too. Better still, you can change combinations more readily with pots, since they're portable. Try lavender blossoms with silver foliage one week, and when you get bored, pair the lavender with another pot containing soft yellows, pinks, or blues. And that's the best part of all—the possibilities are as endless as your supply of pots.

LEFT: An homage to the Dutch modernist painter Mondrian, this entryway and container display from the Chelsea Flower Show is awash with hot, primary colors. Within this combination are impatiens, 'Solar Gold' marigold, *Canna indica*, *Agapanthus* 'Blue Giant', red pelargoniums, and yellow hollyhocks.

RIGHT: Created by Philadelphia Flower Show Executive Committee vice-chair Midge Ingersoll in her New Jersey garden, here is a stunning wall container of white impatiens with a variegated coleus that has maroon leaves with chartreuse margins.



BELOW: Hot colors abound in this container of orange and yellow *Lantana* 'Spreading Sunset', mixed with the beet-colored coleus, *Solenostemon scutellarioides* 'Red Creeper'.





Pete Prown

ABOVE: The red-violet hues of *Scaevola aemula* 'Blue Wonder' draw the eye in this cool combination of purples and silvers. Completing the composition is the silver-leafed *Plectranthus argentatus*, the red-centered vinca *Catharanthus roseus* 'Pink Polka Dot', and the eggplant-shaded foliage of *Tradescantia pallida* 'Purpurea' (upper right).

LEFT: For a dash of the understated, abandon primary colors and embrace the world of silver. In this pot at Longwood Gardens, you can observe a rosemary plant surrounded by a germander (*Teucrium cossonii* 'Marjoricum', at left) with feathery silver-blue leaves and, at bottom, the silver-green leaves of the gummy snapdragon (*Antirrhinum hispanicum* syn. *glutinosum*) from Spain.



BELOW: From chartreuse green to pink to maroon and beyond, there's a shade of coleus for everyone. It's an indispensable container plant for our region.



COLORFUL CONTAINERS

ABOVE: A riot of tropical *pizzazz*, this container is brimming with canna, petunias, caladiums, marigolds, pentas, coleus and more.

RIGHT: A windowbox overflowing with verbena, *Lysimachia nummularia* 'Aurea' and an unknown clematis, with a brilliant red pelargonium splashed on top.





PRIMEX

GARDEN CENTER

435 W. Glenside Avenue Glenside, PA 19038 215 887 7500

Bringing you the best in personal service and knowledge for over 59 years. Gardening enthusiasts and landscape professionals throughout the area have come to depend on Primex for an outstanding selection of horticultural products. Come find out why!

Hours thru June 30
Monday - Friday 7:30-6:00
Saturday 8:00-5:00
Sunday 10:00-5:00

Hours thru July 31
Monday - Friday 8:00-5:30
Saturday 8:00-4:00
Sunday 10:00-3:00
Closed July 4th

Tropicals Featuring



Monoprints by
Peter Butler

Lithographs by the late
Roberto Burle Marx,
Brazilian landscape architect

Tropical garden planters and selected work by other artists

Wine and Cheese Reception: Friday, June 28, 2002 from 6-9pm

Showing through July

Curated by Abbe Harms Siv Spurgeon

Unique Garden Antiques, Art, Ornaments, Furniture & Architecture for Fine Gardens

Gallery Hours: Tuesday through Saturday 10:30-5:30pm

The Gallery
FINE GARDEN CREATIONS, INC

7 South Chester Road, Swarthmore, PA 19081, 610.338.0630 phone



No Bad Colors

The Colorful Wisdom of Horticulturist Stephanie Cohen

Story and Photography by Rob Cardillo

"Color is personal," quips Stephanie Cohen, the diminutive duchess of perennial gardening, while standing next to one of the most vibrant entryway gardens in the Delaware Valley. "And if it pleases you to mix red, magenta and orange flowers together in your border, then you should just go ahead and do it—the horticulture police won't come and take you away!" She adds "But if those strong colors are used with imagination and skill, you might end up with a knockout display that everyone loves."



Left: A sublime blend of *Ipomea*, *Pelargonium* and marigolds



Above: Clary sage (*Salvia sclarea*) makes a great color foil for just about anything.

One look at her front garden should convince you that Stephanie has a big green thumb. Her doorway garden in June is an impressionistic wash of soft yellows, bright purples and cheery pinks underscored with boldly textured foliage plants in tones of gray and green. Only four years old, it's already been featured in *Better Homes and Gardens*. It's just one of the many attractive beds and borders you'll find at her two-acre Collegeville home, which she's dubbed Shortwood Gardens, a wry reflection on her diminutive height.

It's not that Stephanie thinks that red, magenta and orange are the wrong color choices for flowering perennials, it's just that they are the three most difficult shades for garden designers to work with. They easily overwhelm other hues and clash with each other when placed too close. But when these bold colors are used with a light hand and a little discretion, they can add a lot of spice and variety to any garden. As Stephanie likes to say, "There are no bad colors, only bad *uses* of color."

With such fresh remarks and a degree in horticulture from Temple University Ambler, Stephanie has been educating and entertaining students, professionals and just plain gardeners in the classroom and on the road. Her bookings as a speaker have taken her from Maine to Oregon, and on special occasions, she even impersonates the noted garden designer Gertrude Jekyll, complete with period costume and mirthful tales.

When she and her husband first moved into their suburban home, Stephanie enlisted the talents of Pete Moscufo of Piedmont Designs in Kimberton to help her create a spectacular landscape. After considerable discussion, they came up with a formal plan for the front garden with specific patterns of repeating colors. Less traditional foundation plantings included oak leaf hydrangea (*Hydrangea quercifolia*), cherry laurel (*Prunus laurocerasus*), and *Spirea*, while the bluestone pavers were hugged by low-growing dianthus, mounding grasses and ornamental strawberry (*Fragaria* sp.). Not willing to wait for everything to grow in, Stephanie added another 200 to 300 plants once the landscapers left.

Because she likes to continually redesign areas and test new plants each year, Stephanie and Peter conceived the backyard as a series of smaller and larger geometric plots woven together with a pink-gray gravel path. Each plot has its own theme, such as ornamental edibles or unusual herbs or plants that don't get too tall (or at least taller than Stephanie), but every part has been installed with a keen eye to how colors work together for maximum impact.

"I don't really have any hard and fast rules for using color," she reassures us, "just some thoughts." For instance, if your daily life is stressful, Stephanie suggests using lots of pastel-toned flowers to help soothe and calm your mind. Pastels also become a little luminous at twilight, which is nice if you don't often see your garden until after dark.









On the other hand, if you want to be excited and energized by your perennial plantings, go wild with the bolder shades. Stronger hues also tend to appear closer than pastels, and that makes them an asset in big gardens where too many pastels might just recede into the background. And although we associate some colors like blue and green with men and other colors like pink and yellow with women, good garden designers should know how to use them all.

Stephanie also suggests organizing your perennials to maximize and reflect the natural color combinations of all three seasons. Spring suggests soft, less showy colors such as the pale yellow of Cornelian cherry dogwood (*Cornus mas*, a PHS Gold Medal Plant), the soft blue of Virginia bluebells (*Mertensia pulmonarioides*), and the pure white of bloodroot (*Sanguinaria canadensis*). Most spring bloomers fall into this laid-back palette but you can certainly jazz it up judiciously by adding hot-colored daffodils, tulips, and crocuses. By June, the mix of colors is "pizzazzier" all by itself with the appearance of deep yellows, bright reds, and bold blues and purples that also show up in the natural landscape.



Above: Coreopsis and larkspur.

When perennial gardens hit the doldrums in late summer and early fall, Stephanie tells us that that's the time to let annuals take the stage. She's found some wonderful bedding plants to fill in the gaps such as 'Lemon Gem' and 'Orange Gem' marigolds, *Zinnia angustifolia* and *Angelonia angustifolia*, a big favorite of hers, which looks as good as any flowering perennial in her garden. Containers packed with color can also come to the rescue during this slow period. These "moveable gardens" are perfect for placing near perennials that become shabby or go completely dormant.

Opposite Top: Intertwining *Clematis* 'Polish Spirit' and *Lonicera sempervirens* hold their pastel colors for a long time and help soften the edges of a wooden pergola. **Bottom Left:** In July, the goemetrically configured back gardens become a showcase of color and texture to complement the gray birdhouse arch and the terra cotta pots and sculptures. **Bottom Right:** *Abutilon, Osteospermum,* and *Centradenia*.

In fall ("The last hurrah" as she puts it), Stephanie likes to imitate the colors of the changing trees and grasses—the yellows, oranges, reds and earth tones—and use perennials that have those same colors in their blooms. "In essence, you're bringing the tree colors down to the ground," she says. So if your maples turn buttery yellow, have some goldenrod (*Solidago* sp.) nearby to echo those rich autumnal tones. You can then complement that combo with a blue or purple aster or even some chrysanthemums. Of course, she always warns about the dangers of catching "mumitis"—the uncreative overuse of these autumn standards seen in too many home landscapes.

Stephanie's eclectic tastes also include the world of colorful vegetables and herbs. You'll likely spot ruby red Swiss chard, tiny white eggplant, big blocky purple peppers and the ever-popular sweet potato vines (*Ipomoea batatas*) popping up in unexpected places throughout her perennial borders. "Americans tend too much to be separatists. Why not mix and match?" she says. "And besides, if you don't like the look of vegetables growing in your perennial garden, just eat them!"

Getting color in shady areas is also much easier these days with so many great perennials to choose from. She likes to use the more brightly colored ones (like chartreuse and variegated hostas) in the deepest shade to give these dark corners the feel of sunshine. Standard green hostas might work better near the sunnier edges. And tying everything together requires the mediating influences of good foliage plants that range from deep green to blue green to chartreuse and purple. Grays are especially helpful in an area where "the colors are giving you a migraine or make you want to wear sunglasses."

And don't forget to keep in mind other dominant colors in the nearby landscape, such as the color of your home. A white house works with any shade whereas a red brick house might limit your choices. Stephanie's blue and gray home exterior seems to work well with a wide range of plants. Foundation plantings (those right against the house) should closely complement your home's exterior—you can then get a little wilder as you plant further away. Similar consideration should be given to other garden features such as furniture, sheds, trellises and the like. Keep these in color synch with your garden blooms unless you want them to become intentional focal points.

Reminding us that with perennials, the whole garden cannot be in flower at the same time, Stephanie suggests planning for little garden vignettes of interest that last for several weeks each. And never be afraid to experiment. If a small shrub or perennial doesn't look right, yank it up and try it somewhere else. She'll keep moving a plant around her garden until she finds the spot where the color and foliage make sense. And if it eventually dies, so be it—it's just a part of her continuing education. "You don't really know a plant until you've killed it," she winks.

Chinese Tree Peonies

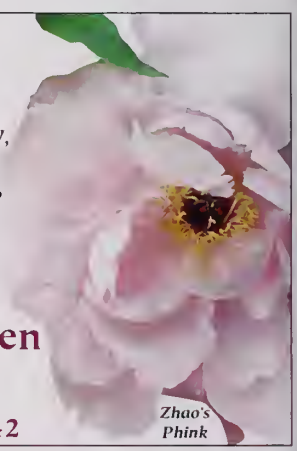
Antique Flowers Unrivaled in Beauty

Visit us during our Peony Festival, mid to late May, and you'll understand why gardeners through the centuries love them. Too busy or live too far away? Our 45 min. video, *A Stroll Through Peony Heaven* is now available, $30 postpaid. Visit our website or write for our **color catalog - $3**.

Cricket Hill Garden–Peony Heaven

670 Walnut Hill Road, Dept. GS
Thomaston, CT 06787

Shop online: www.treepeony.com • tel. 860-283-1042



Where Friendships Bloom...



Experience the community of Dunwoody Village

Wherever you are in Dunwoody Village, there's a special feeling you get. It starts the minute you enter the grounds and follows you wherever you go – whether you're strolling through the gardens, grabbing a quick bite in the commissary, or enjoying a show. It's the feeling of friendship, caring and above all, community, and it shines in all aspects of Village life, every day of the year.

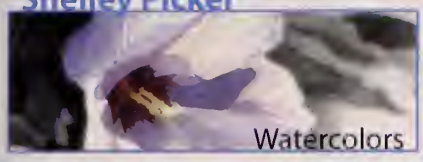
DUNWOODY VILLAGE

The Retirement Community for people who enjoy living

3500 WEST CHESTER PIKE
NEWTOWN SQUARE, PA 19073-4168

CALL 1-800-DUNWOODY
or visit us at www.dunwoody.org

Shelley Picker





Florals, Landscapes
Commissions accepted

phone: 610.668.1185
online gallery: www.shelleypicker.com

Make Your Web Browser Come To Life!

We've worked long and hard to make Tripleoaks.com a one-stop site for all things horticultural! Point your browser this way for info about trees and shrubs, recipies for herbs, and gardening articles by Lorraine Kiefer.





Don't stop at our website. The nursery offers:

- Rare and Native Trees and Shrubs
- Extensive Ornamental Grass Collection
- Hundreds of varieties of Herbs
- Unusual Carniverious Plants
- Bulbs
- Unusual gifts
- Full Service Garden Center

And don't forget, we carry many PHS Gold-Medal winning plants every year.

Triple Oaks Nursery & Herb Garden - Delsea Drive - Franklinville, NJ (856)-694-3696

www.tripleoaks.com

redbud

native plant nursery

trees, shrubs and perennials for the backyard conservationist



1214 n middletown road
glen mills, pa 19342
phone (610) 358-4300
hours tuesday through sunday

The striped leaves of canna and the rich purple blossom of glory bush (*Tibouchina* sp.)

BRAVE BLENDS

Pushing the Limits of Color at Chanticleer

Story by Chris Woods

ALTHOUGH THE BEDS AND BORDERS AT CHANTICLEER, a pleasure garden in Wayne, PA, are indeed quite colorful, their main colors are the blue of the sky and the green of leaves. In fact, we do not design for color exclusively—it is the whole presence of the plant that intrigues us and color is but one attribute. The texture and shape of the plant, its fragrance or its season may even be more important. But it is the sum all of these factors that creates the uncommon color combinations that are so often found in our plantings.









ABOVE LEFT: The yellow throat of Indian pink (*Spigelia marilandica*) corresponds with the soft yellow of *Iris* 'Glory of Aki'.

ABOVE RIGHT: Spring simple: creeping phlox (*Phlox subulata*) and the cowslip (*Primula elatior* subsp. *leucophylla*).

LEFT: If in doubt, plant green! The variegated white and green foliage of the hardy mile-a-minute plant (*Fallopia japonica* var. *compacta* 'Milk Boy') against the finely texture backdrop of the miniature date palm (*Phoenix roebelenii*).





Pete Prown

BRAVE BLENDS

ABOVE: A beautiful soft yellow clematis with the brown "sticks" of cinnamon fern (*Osmunda cinnamomea*).

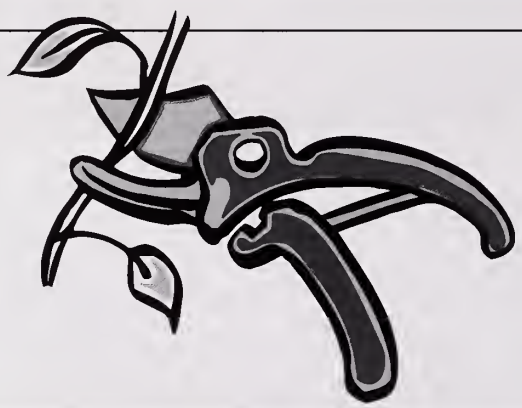
LEFT: Silver reigns supreme in the Tea Cup Garden, where a large aloe plant (*Agave americana*) harmonizes elegantly with the blue-gray fescue grass (*Festuca* var. *glauca*). The dark purple foliage of *Tradescantia pallida* 'Purpurea' provides a superb contrast behind the aloe.



BRAVE BLENDS

ABOVE: Take a seat in the garden. A purple chair surrounded by brown-eyed Susans (*Rudbeckia triloba*). **BELOW RIGHT:** The green "berries" of pokeweed (*Phytolacca americana*) hang down on pink stems above this salmon-pink canna.

For visiting information, contact: Chanticleer, 786 Church Rd., Wayne, PA (610) 687-4163, www.chanticleergarden.org



PRUNING PROBLEMS ?

Please visit my website for all your pruning questions at:

www.pruningmatters123.com

or fax your questions to me, Fran West at:

410-332-0270

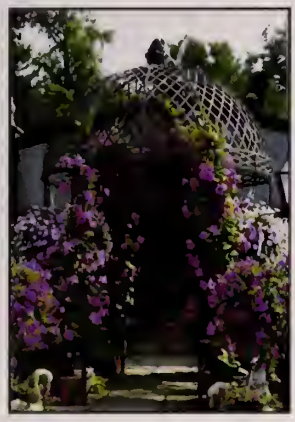
I specialize in pruning shrubs and small trees.



A Visit to Meadowbrook Farm

WILL DELIGHT YOUR SENSES!

An inspirational place for your home and garden...ask our experts for ideas! We offer Superior quality and an unusual selection of:



- Annuals & hanging baskets
- Trees & shrubs including Gold Medal Plants
- Perennials, native plants & alpines
- Begonias, cactus & succulents
- Statuary, fountains & decorative pots
- Garden related gifts including bonsai, troughs & topiary
- We offer tours for horticultural groups April-October. Call for more information
- 10% discount to PHS members

Meadowbrook Farm

1633 Washington Lane • Meadowbrook, PA 19046 • (215) 887-5900



Make every homecoming special.

To make your outdoor area even more enjoyable this summer, Walpole has everything from arbors, trellis and garden furniture, to mailboxes, lantern posts, window boxes, and handcrafted fence. Call for our free Selections brochure, 973-539-3555.

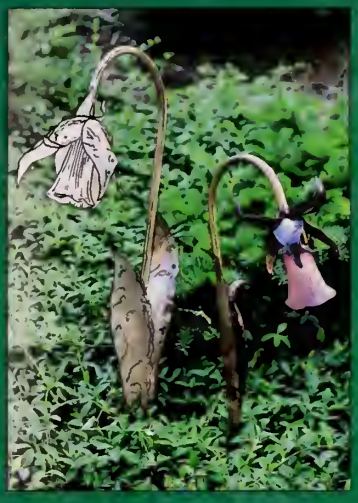
Walpole Woodworkers®

Quality Fence Since 1933

540 Tabor Road, Rt. 10W at 53N, Morris Plains, NJ

Old World Craftsmanship

New World Technology



Distinctive illumination for your garden.

Locally designed and crafted in Berks County, Pennsylvania.

Call for more information and our free catalog.

1-800-856-7948

Escort Lighting

51 North Elm Street
Wernersville, PA 19565
Phone: 610-670-2517
Fax: 610-670-5170

CHANTICLEER

...a pleasure garden



Open April through October
Wednesday – Saturday 10 to 5
Fridays until 8pm
during June, July and August

786 Church Road
Wayne, Pennsylvania 19087
610/687-4163
www.chanticleergarden.org

ANTIQUE & CONTEMPORARY ORNAMENTS FOR THE CONNOISSEUR'S GARDEN



"Antique marble and lapis water wall"

4 Union Hill Road
West Conshohocken, PA 19428
610 . 825 . 5525
www.garden-accent.com
Hours: Tuesday - Saturday
10:00 - 5:00 pm

Elizabeth Schumacher's
Garden Accents
BEST of PHILLY
1996 • 1998 • 2000

ATTRACTIVE ARRANGEMENTS.

Not just the flowers, but everything at Meadowood. From the appealing country landscaping to the spacious, often custom-designed, apartments and cluster-style homes.

The financial options are also attractive. Our residents guarantee their lifecare by entering Meadowood on one of the Declining Balance Plans or the 90% Refundable Plan. Our "Couples Together" program is carefully considered for cases in which one spouse may need extra support services.

Imagine a morning dip in our sunlit pool, an afternoon hand of bridge and a leisurely round of twilight golf at our club. Your weekend itinerary may include a concert, theatre trip or dinner out at the near-by William Penn Inn.

Come see all of the conveniences that await you at Meadowood. Call the Marketing Department, today, at 610-584-1000.

A Lifecare
Retirement Community
3205 Skippack Pike
PO Box 670
Worcester PA 19490
610-584-1000

Meadowood
Gracious Country Living



Coming soon!
Gracious, spacious
Carriage Homes
with garages,
beautiful views,
and choice of
amenities.

DAYLILIES GALORE!!

Buy bareroot daylilies from our website. We ship from May through September. Over 100 varieties available.

Visit our garden center from May through July for potted daylilies, other long blooming perennials, flowering shrubs and roses.

See our website to order plants, see color photos and descriptions, a farm tour, daylily information, map and directions.

Thomas Daylily Farm
thomasdaylily.com

380 Fairview Road, Glenmoore PA
(610) 942-3817

From Rte 30 in Downingtown take Rte 322W toward Honey Brook, turn North on Rte 82, turn right on Fairview Road and go 1 5 miles to our sign From Rte 100, take Rte 401 West 1 mile to Fairview Road, turn left and go 5 miles Tnpk Exit 23 then N to 401.

SAVORING HERBS

Beautiful Basils

Recently, I've discovered the beauty and versatility of basil: vividly colored leaves, interesting textures, and smashing flowers that hold their own in any perennial border. Sweet basil used to be the sole representative of this mint family member in my herb garden, as its upright habit and clove-scented bright green leaves are an attractive backdrop for other herbs. Plus, I love the flavor. What a revelation to find such diversity in an easy-to-grow annual whose foliage can last all season if you pinch the flowers back. Here are a few of my new favorites:

'Aussie Sweetie' has a smaller and deeper green leaf than sweet basil with a strong upright, columnar growth habit reaching 2 to 3 feet. Because it's slow to bloom (if at all), the work of pinching back the flowers is reduced. The aroma is somewhere between cinnamon and sweet basil, and it's good for cooking, too.

Doug Croft from Chanticleer grows **'Siam Queen'** and, since it's so attractive, he even lets some of his plants flower. Its deep red-purple blooms are as handsome in cut-flower arrangements as they are in the garden, and its bright green licorice-flavored leaves are half again smaller than those of sweet basil. For a great color combination, try planting it with 'Lemon Gem' marigolds.

Kathy Bepler, an Herb Society of America member and the Philadelphia Unit's Plant Sale chair, uses **'Green Ruffles'** *en masse*. She likes the lime-green color and the rough-textured, fringed leaves on this 18- to 24-inch plant—they're "almost crunchy," she notes. Kathy also plants 'Red Rubin' for its reliably dark purple leaves that blend with almost any color. My favorite plants for combining with basil are silvers (lavender, artemisia, lamb's ears), yellows (marigold, nasturtium), and blues (the annual *Salvia farinacea* 'Victoria Blue'). These plants grow about 24 inches high and 15 inches wide.

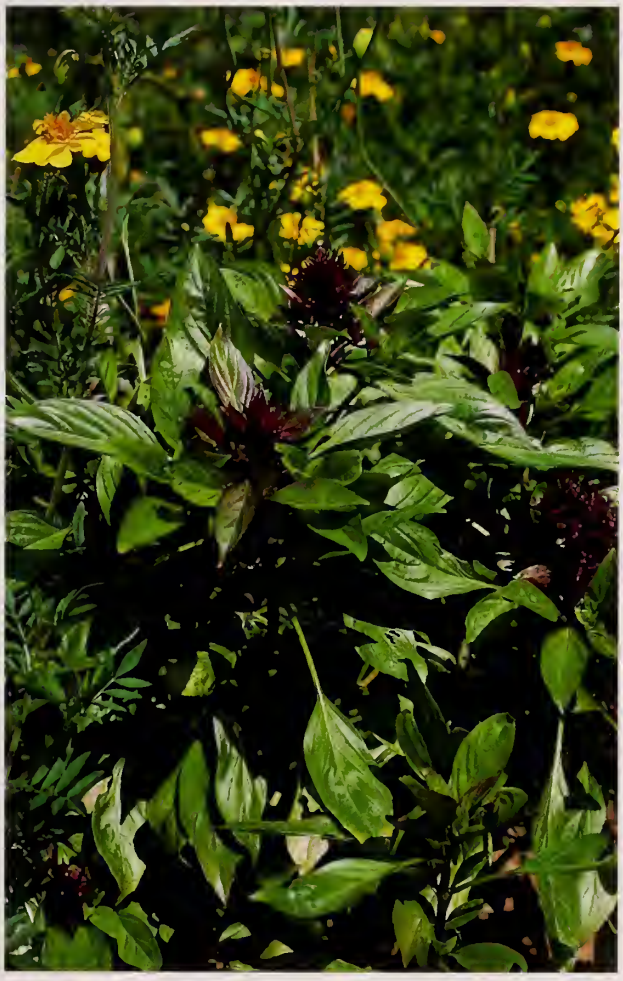


photo by Alexandra Basinski, taken at Chanticleer

For containers or edging, try **'Spicy Globe'** or **'Green Bouquet'**. These are rounded, compact plants with bright green tiny leaves. They grow 8 to 12 inches high by 12 inches wide.

As for growing culture, basil (*Ocimum basilicum*) is an annual that is easily started from seed indoors or directly in the garden. Plant in light, well-drained soil in full sun and keep well watered during dry periods. Pinch out the growing tips starting at about 6 inches to encourage bushy plants and prevent flowering. What could be easier?

SOURCES

Mostardi
Newtown Square, PA
(610) 356-8035

Primex Garden Center Nursery
Glenside, PA, (215) 887-7500

Triple Oaks Nursery
Franklinville, NJ, (856) 694-4272

Waterloo Gardens
Devon, PA, (610) 293-0800
(also in Exton, PA)



By Alexandra Basinski

Your garden is your sanctuary...
come to Mostardi's
for distinctive plants,
expertise and inspiration.

MOSTARDI
NURSERY
4033 West Chester Pike (Route 3) Newtown Square, PA 19073
610.356.8035
www.mostardi.com



Perennial Pleasures
A garden-inspired shop



This beautiful handwoven synthetic wicker with deep-seated cushions is completely impervious to weather.

Join us June 17 through 30 * to celebrate our 2nd aniversary and our newest honor:

BEST OF MAIN LINE 2002!!!
Best Home & Garden Accent Shop
-- Main Line Today Magazine
Best of Main Line 2001
Best Garden Accent Shop

***TAKE 20 % OFF ANYTHING AND EVERYTHING IN STOCK**

Furnishings and accessories for the inspired home & garden

Reproduction antique & contemporary garden ornaments & structures

Outdoor furniture including LaneVenture

Rich assortment of planters, pots and vases

"Botanically correct" artificial plants, trees & stems – custom design

Wide range of gifts for all occasions

312 Business Route 30 across from Exton Mall . Exton, PA 19341 . 610.594.6696 • Hours: Mon. - Sat. 10:00 am-8:00 pm . Sun. Noon-5:00 pm

PHILADELPHIA HOUSEPLANT WHOLESALERS

Spring 2002

CENTER CITY'S ONLY FULL SERVICE GARDE CENTER

Annuals & Perennials
Trees & Shrubs
Imported Pottery

LANDSCAPING BY EXPER

EVERYTHING FOR INDOO & OUTDOOR GARDENIN

HEALTHY HOUSEPLANTS A WHOLESALE PRICES

Over 5000 Plants in Stock at all Ti
From 6" Pots for the Windowsill to Tall Specimens

PLANT RENTALS
COMMERCIAL - RESIDENTI

1233 BAINBRIDGE STRE
ONE BLOCK OFF
S. BROAD STREET
OPEN 7 DAYS
215-545-5044
WE DELIVER!

ORGANIC MATTERS

A New Dawn for Lawns

I like my lawn for what it is—a tenacious and imperfect medley of biodiversity. You'll find ample amounts of clover, plantain, chickweed, ground ivy and, if you look closely, some ryes and fescues down there somewhere. It's low input (which means a mowing now and then) and provides a pleasant enough foil for the ornamental beds and borders that it weaves through and connects. It went brown and played dead during the big drought of 1999 but sprang up just fine the next season. And it even sends me a little thank you now and then, such as the dainty patch of slender speedwell (*Veronica filiformis*) pictured at right. But most of the time, it's just a neutral green backdrop for the major garden players to stand against and belt out their arias.

Still, for many others—including the suburban lawn barons who live near me—the lawn *is* the main show. They ache for that finely textured, all one shade, weed-free, monocultured tapestry that's rarely seen outside of golf courses. And often, their neighborhood associations demand such a manicured standard. Now I don't mind people's passion for perfection at all, except that it's very possibly hurting me and you and our children, pets, wildlife, water and soil. It's the lawn chemicals, of course. As Madge the manicurist might have said, "We're soaking in them." Overuse of herbicides, pesticides, fungicides and fertilizers pose real health dangers to those nearby and are a growing part of nonpoint source pollution (i.e., through natural, underground water systems) of our already burdened streams and rivers.

Now I may stand a little apart from my organic brethren and say that there may be circumstances that warrant heavy-duty chemical intervention, such as when insects are eating my house or seriously threatening an old revered tree. But the exceptions for me are few and far between. What's frightening is how easily available some of these chemicals are, how frequently they are applied to lawns by untrained people, and how so many half-used bags and bottles of this stuff end up in landfills.

Enough ranting. Let's get positive! There are ways to reach for that green perfection without poisoning the neighborhood. It's simple. Keep the mower blade high (3 to 4 inches) to encourage good root development and to keep weed seeds from sprouting. Keep it sharp to discourage ragged leaves which invite disease. When your old mower dies, buy a mulching model that leaves the nitrogen rich clippings on your lawn as nutrients. Water thoroughly but infrequently



Rob Cardillo

(except in years of drought restrictions). Swear off the herbicides and pesticides. And rent a power aerator and power dethatcher to get your soil breathing again.

To keep your lawn on its health kick, get your soil tested before applying any fertilizer. If needed, use an organic fertilizer such as compost, pelletized mushroom soil or liquid seaweed spray. Control grub infestations with milky spore, beneficial nematodes or by inviting more birds into your yard. Use one of the corn-based herbicides if necessary. Replant new areas with native turf or sturdy ground covers. Hire an organic lawn care company if your time is short. (They're in the phonebook.) And think of ways to reduce the overall size of your lawn.

Accept a little imperfection with the results and maybe your lawn will send you a bouquet of thanks, too.

Rob Cardillo is a Pennsylvania-based garden writer and photographer. His work has appeared in *Better Homes and Gardens*, *Organic Gardening*, *Country Living Gardener*, and many other publications.

ONLINE RESOURCES

Organic Lawn Care
www.organic-lawn-care.com/

Extremely Green Lawn Company
www.extremelygreen.com



By Rob Cardillo

BEGUILING BULBS

Clivias, Today and Tomorrow

As usual, visitors *oohed* and *aahed* over huge containers of glorious clivias, both orange and pale yellow types, at the 2002 Philadelphia Flower Show. A few years ago yellow clivias were all the rage. A magnificent container of *Clivia miniata citrinius*, the yellow one, sold for over $1,000 in 1981 at the first Delaware Center for Horticulture Rare Plant Auction. Today, *C. miniata*, the orange one, is produced by the thousands in Canada for the U.S. mass market where a blooming plant may sell for less than $20.



Courtesy of Conwoy's Clivias

But just wait! Soon, newer colors and forms will be readily available. The ancestry of these can all be traced back to four species native to southern Africa: *C. miniata, C. nobilis, C. caulescens* and *C. gardenii*. Unlike *C. miniata*, the latter three have blooms that are tubular and pendant. In their native habitat, clivias grow in rather dry conditions in loose soil or leaf litter. Recently, though, huge clivia plants have been discovered growing in a swamp, and clivia enthusiasts are still debating whether they should be regarded as a new species or a giant form of *C. miniata*. The South Africans as well as the Japanese have made extensive crosses between *C. miniata* and the other species. By utilizing yellow forms of one or both parents, hybridizers have been able to develop delightful colors in the progeny. These interspecific hybrids seem more vigorous than either parent and exhibit bloom forms midway between the parents. Naturally occurring interspecific hybrids can be seen in many California gardens, where clivias of all types are used in landscaping.

South African, Japanese and California hybridizers are interested in extending the color range of clivias. The yellows are approaching butter yellow, pastels are tending towards paler and more luscious shades, and reds are becoming more vibrant. Now there are bicolors, green throats, and baby pinks, but the quest is still on for a true white. For a dazzling look at what is now available, contact Conway's Clivias. Dave Conway offers choice plants, and if you put his CD-ROM in your computer, you will definitely feel yourself reaching for the checkbook.

Interest is also developing in variegated plants. Leaves with lengthwise stripes of either yellow or white are readily available in specialty garden shops. This variegation does not appear to be completely stable. One leaf can differ from another, and offsets may be entirely different from the parent.

The Chinese and, to a lesser extent the Japanese, have also taken an interest in developing the form of the plant. Dwarf Daruma clivias have short, very wide leaves that emerge one directly on top of another. Blunt tipped leaves are favored over pointed ones, and slightly puckered leaves are preferred to those that are smooth and flat. For Japanese cultivars, see Mr. Shigetaka Sasaki's website: *www.col.ne.jp/~shige/*.

Watch for the definitive book *Clivia* by Prof. Harold Koopowitz of the University of California at Irvine, which Timber Press will release this fall. And for extra pleasure, join the Clivia Society. Dues are $20 per year and members receive a colorful and informative publication and can participate in an annual seed sale. Indeed, there's no time like the present to begin investigating this fascinating genus of bulbs.



By Kathryn Andersen

RESOURCES

Clivias Society
Joy Woodword, Secretary
P.O. Box 53219
Kenilworth 7745
Republic of South Africa
Email: *woodword@nbict.nbi.oc.zo*
(Credit cards accepted)

Conway's Clivias
2324 Santo Barbara St.
Sonto Borboro CA 93105
Phone/fax: (805) 682-7651
Email: *s.b.conwoy@worldnet.att.net*

Cape Flora Nursery
P.O. Box 10556, Linton Grange
Port Elisabeth 6015
Republic of South Africa
Phone: +27-41-732-096,
fax +27-41-733-188
Email: *copeflor@iofrico.com*

C.S. Heal
FARM MARKET

- Growers of Premier Garden Plants including Annuals, Perennials, Proven Winners & Garden Dahlias.
- Propagators of Zonal Geraniums.
- New Guinea Impatiens
- Hanging Baskets
- Growers of Holiday & Garden Plants
- Combination Garden Baskets

Charles S Heal Jr. & Eric Heal

visit us on the web @
www.cshealmarket.com

1607 Salem Rd.
Burlington Twp. NJ
(609)386-9422 Fax: (609)386-9635
OPEN DAILY!
Mon.–Fri. 9–5:30, Sat. & Sun. 9–5

A Step of Faith



Choosing a new community is a big step. At PresbyHomes & Services, your step of faith will be matched by one of our own. Our residential living, assisted living and healthcare services are grounded in a faith-based commitment to provide the highest quality of care to older adults of all backgrounds and faiths. It's a commitment backed by a half-century of service.

Call today, and experience the Presby difference.

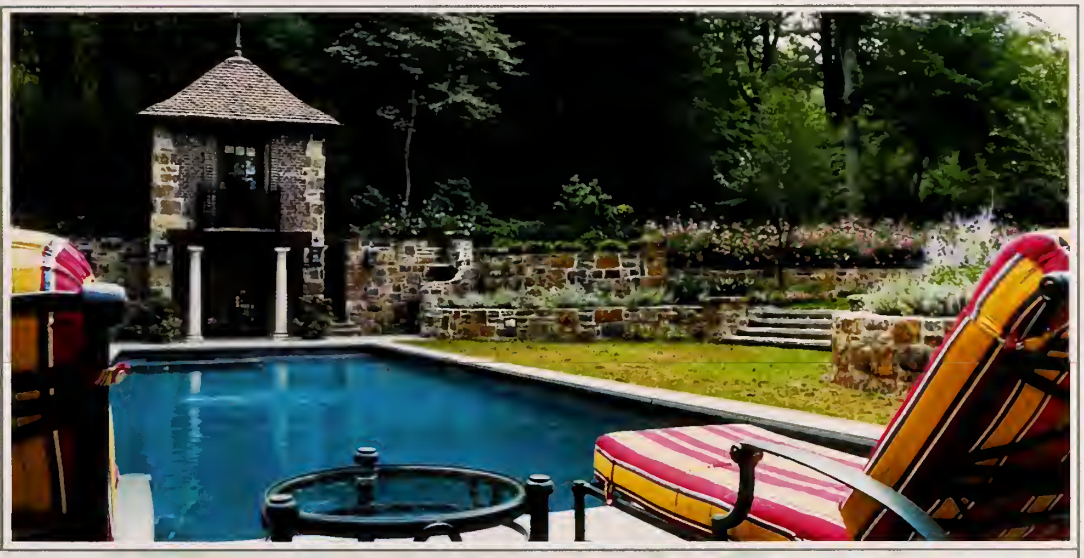
PresbyHomes & Services

A ministry to older adults by the Presbytery of Philadelphia

Rydal Park • Rosemont Presbyterian Village • Broomall Presbyterian Village
Spring Mill Presbyterian Village • Emily A. Markle Health Center • HUD Communities

Tollfree: 1.877.9PRESBY www.presbyhomes.org

Tell Us Your Dream



Gale Nurseries has been designing and building exquisite, award-winning garden dreamscapes for three generations. And our garden projects are as diverse as your dreams that inspire them:

- Period gardens that relate to architecture and personalities
- Natural, native plantings that create quiet, inviting areas
- Contemporary designs for a bold, exciting statement
- Older plantings refurbished, reworked and revitalized

Gale Nurseries

A Design/Build company for Period, Native and Contemporary Gardens
Charles H. Gale Jr. B.S. Ornamental Horticulture
1716 School House Road, Box 264 • Gwynedd PA 19436 • 215.699.4714 • fax 215.699.3203 • gale@netcarrier.com

Classifieds

ANTIQUE BOOKS

RARE & PREVIOUSLY OWNED BOOKS ON HORTICULTURE & BOTANICAL PRINTS - Bought and Sold
Polly Goldstein
37 Lochwood Ln.
West Chester, PA 19380
(610) 436-9796
E-mail: *GrannyPol@aol.com*

GARDEN SHOPS

MARANO GARDENS, LLC
(formerly Fort Washington Garden Mart)
A family owned garden center serving area since 1960, offering an extensive selection of plants and containers.
- Beautiful hanging baskets, mixed garden containers.
- Dwarf conifers and alpine troughs.
- Culinary and medicinal herbs.
- Cutting edge annuals, tropicals and perennials, including the **Beds & Borders** line.
- Ornamental trees and shrubs, emphasizing native varieties and PHS Gold Medal winners.

MARANO GARDENS, LLC
488 Bethlehem Pike
Ft. Washington, PA 19034
215-646-3336
Minutes north of Chestnut Hill, or 4 miles from the Blue Route.

BONSELL'S NURSERY
Growers of high quality trees, shrubs, and perennials.
- Large Selection.
- Reasonable Prices.
- PHS Gold Medal Plants.

Trees for small yards. Including Acer griseum, Acer triflorum, Ceres canadensis 'Forest Pansy', Cornus kousa 'Satomi' and many more.
Conveniently located near 309 & the PA turnpike.
Open Mon-Sat 9-5.
1245 Fort Washington Ave.
Fort Washington, PA
215-643-2418

GARDEN ROAD GREENHOUSE
Unusual annuals, 500 Varieties perennials and flowering shrubs, Herbs, Roses, Combination baskets, and Containers. Take Rt. 55 South to Exit 35B, 60 West 3 miles to:
402 Garden Road
Pittsgrove, NJ
856-358-3032

Jerry Fritz Garden Design, Inc.
Presents
Linden Hill Gardens

Featuring an extensive collection of cutting edge plants from the world's most respected nurseries

Exceptionally Planted Earthenware
Source for 2002 Gold Medal Winners
10% Discount for Cardholding PHS Members

Summer Plant Event Weekends
10 am to 5 pm
June 1 and 2
June 22 and 23
July 27 and 28
August 24 and 25

Phone for our Complete Schedule of Behind-the-Scene Tours, Garden Walks, and Plant Events

8230 Easton Road (Route 611)
Ottsville, Bucks County
Pennsylvania 18942
phone: 610.847.1300
fax: 610.847.1324

GARDEN STRUCTURES

HANDCRAFTED IRON GARDEN STRUCTURES
Arbors, Trellises, & Gates in the tradition of elegance, beauty and permanence.
Full Color Catalog $5
The Painted Garden, Inc.
304 Edge Hill Road
Glenside, PA 19038
(215) 884-7378

HERITAGE STONE & MARBLE
We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.
FLAGSTONE, BRICK-patios and walkways, COBBLESTONE-edging and paving, STONE walls, RETAINING walls, MARBLE, GRANITE-floors, walls, countertops.
(215) 699-5611 Upper Gwynedd, Pa.

GREENHOUSE CONSTRUCTION
Sales and Service
Janco, Lord & Burnham and more.
Call Robert J. LaRouche at
Glass Enclosures Unlimited
(610) 687-2444

THE SUNWORKS CORPORATION
- Greenhouse Sales: Residential, Commercial and Institutional.
- Installations: Of greenhouses from any manufacturer, shading and ventilation systems.
- Maintenance: Reglazing, reskinning, painting, cleaning. Emergency repairs.

Call **(302) 655-5772**, ask for John Klein

GARLIC

Grow your own Garlic! Organic planting stock, growing tips, and prepared garlic foods. Secure online ordering at www.TheGarlicStore.com.

LANDSCAPE DESIGN

S. Edgar David and Associates
Landscape Architects
Site Planning and Garden Design

Outdoor Spaces, Lighting, Pools, Ecological Restoration

Transforming the landscape with innovative solutions

Design Studio **610-584-5941**

Burke Brothers
Landscape Contractors, Inc.
A PROFESSIONAL DESIGN/BUILD FIRM
Experts in Landscape Renovation, Naturalistic and Classic Formal Gardens. Landscape Construction, Unique Patios, Terraces, Creative Stone Work, and Landscape Lighting. Major Award Winning Exhibitor Philadelphia Flower Show.
610-520-2025 215-887-1773
www.burkebrothers.com

LINDA CORSON
LANDSCAPE DESIGN
- Consulting
- Plans
- Supervision

Registered Landscape Architect
Member ASLA **215-247-5619**

Environmental Landscape Associates, Inc.
- Landscape Architects & Contractors
- Formal/Period/Naturalistic Gardens
- Creating outdoor living spaces of distinction
- Master Plans/Phased projects
- Let us make your desires become reality

P.O. Box 2191 Doylestown, PA 18901
Toll Free: 1-800-ELA-9252

David Brothers Landscape Services
Bean Road Nursery
Architects, Builders and Nurserymen
Providing the Fine Art of Garden Construction
and Landscape Restoration
(215) 247-2992 (610) 584-1550 (610) 525-3232

Green Team Gardeners
Assurance of Fine Gardens
Vicki Fox 215-482-1058
Bill Hengst 215-438-9438
562 Hermit Street, Philadelphia, PA 19128
Fax: 215-482-9063, Email: *VickBrick@aol.com*

DONALD PELL GARDEN SERVICES
Creating & maintaining gardens with expert horticultural craftsmanship.
View our portfolio of landscape designs online at www.donaldpell.com or call 610.917.1385 for a brochure and consultation.

LANDSCAPE MAINTENANCE

ANDREW C. BECK
LANDSCAPE MAINTENANCE

A Dependable Source for All Your Landscape Needs.

Serving CHESTNUT HILL & MONTGOMERY COUNTY

• Lawn Mowing • Garden Care, Mulching, Planting • Tree & Shrub Pruning
• Organic Fertilization & Aeration
• Spring & Fall Clean up • Property Management

Insured **215-233-9401** References

James Farr Landscape (215) 778-2325
Large plant transplanting. All plants hand dug, balled and burlapped, the old fashioned way. Some plants available: Southern magnolia 'Edith Bogues' (20-25ft)($3140) Kousa dogwood (16-18ft)($1680), Weeping Elm (20ft wide)($1640), Swiss-stone pines (14-18ft)($2860), Lacebark pines (16 to 20ft)($2320), American hollies (15 to 18ft)($2640), Repandens yew (8 to 10ft)($940), azaleas (10ft), rhododendron, yews, etc. Instant privacy, plants in scale with existing landscape.

MULCH

PINE NEEDLE MULCH
Won't change soil pH • Wholesale and retail
FLOWERS BY THE YARD
610-701-9283
renee52@erols.com

RESTORATION

REED'S WOODS, INC.
QUALITY WORK AT A FAIR PRICE
Custom Builder
Restorations, Remodeling
Greenhouses
Springhouse Restorations
Decks, Carpentry & Landscape Structures
Jamie Reed
2125 Bodine Road
Malvern, PA 19355
(610) 827-9663

SPECIMEN TREES

Ilex opaca, Ilex aquipernyi
20' Colorado Blue Spruce
DELICIOUS
Homegrown Horticultural Fruits
PICKED AND PICK YOUR OWN
Raspberries - Blueberries - Blackberries
Peaches - Plums - Pears
Indian Orchards, Media PA
610-565-8387

TREE SERVICE

TREE TRANSFERS, INC.
Large Tree Transplanting and Sales
Machine and Specialized Hand Digging
Dealers and Locators of Large Horticultural Specimens
Mature Screening and Shade Trees
Assessing and Renovating Mature Collection and Estate Gardens
Plant Material Purchased
(215) 635-2310

Tree Transplanting & Sales
• Machine & hand digging
• Supply & install specimen plants
• Locate/Purchase mature trees
• Why Wait for mother nature?
Environmental Landscape Associates, Inc.
P.O. Box 2191 Doylestown, PA 18901
Toll Free: 1-800-ELA-9252

UNUSUAL SPECIMENS

HOSTA
Over 100 varieties
Assorted perennials,
Ferns, shade plants.

Michael's Country Nursery
165 Tuckertown Road
Medford, NJ
856-983-6512

RARE & UNUSUAL PLANTS
• Specimen plants • Pond plants • Bonsai
• Orchids • Hardy cacti • Tropicals
• Sculptured trees and shrubs • Perennials
• Unique Flower and gift shop.
MUTSCHLERS' FflorIST & RARE PLANTS
1-800-242-9438
www.mutschlers.com

CLASSIFIED RATES

Base Rate**$3.00** per word (without formatting)

Formatted Words**$5.00** (ex. **Bold**, *Italic or ALL CAPS*)

Minimum Charge**$60.00**

Discount**10%** off the second consecutive ad, using the same copy

Deadlines

February Issue *(by December 1)*
April Issue *(by February 1)*
June Issue *(by April 1)*
August Issue *(by June 1)*
October Issue *(by August 1)*
December Issue *(by October 1)*

Please note: *Green Scene* does not guarantee advertisement position, and we reserve the right to edit copy to fit available space. *Green Scene* ads are scheduled on a first come, first serve basis until space is filled for a particular issue.

Please calculate your ad cost based on number and formatting of words, and enclose a check along with your copy (call for assistance). *Green Scene* will bill any difference or credit upon publication of your advertisement. If your new ad arrives very close to deadline, we may deposit your check until ad is scheduled. If we can't schedule your ad, your check will be returned. **Make checks payable to the Pennsylvania Horticultural Society.**

Send all advertising correspondence to: Laurie Fitzpatrick, *Green Scene*, The Pennsylvania Horticultural Society, 100 N. 20th Street, 5th Floor, Philadelphia, PA 19103 -1495. If you have any questions, please call (215) 988-8769.

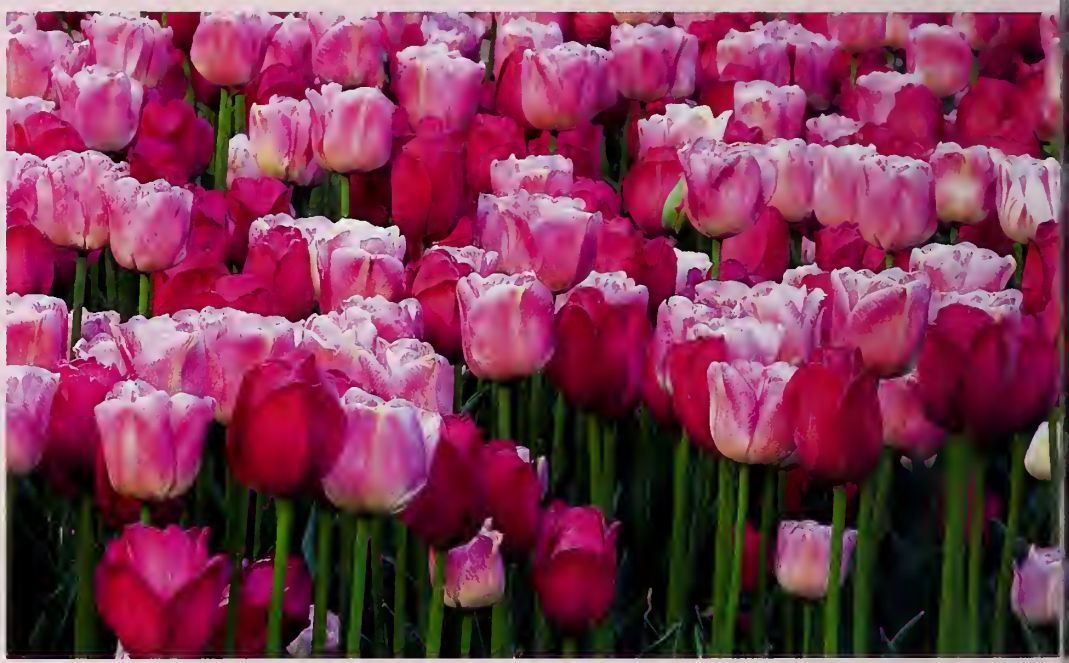
PERFECTLY PINK



Pete Prown

These days, it's *oh-so* unfashionable to plant pink flowers in one's garden. They are so trite, so predictable, and so very blasé! Today's color palette demands sultry combinations of silvers and blues, chartreuse and yellow, and more shades of green and purple-black than you can shake a stick at. In the trend-setter's garden, soft pink combinations are out, and hot, edgy ones are *in*.

Or are they? As the images below reveal, there are countless shades of this time-honored hue to revel in. From gentle symphonies to daring juxtapositions, there's a place for pink in everyone's plot. That is, of course, if you want your garden to be "in the pink." —*Pete Prown*



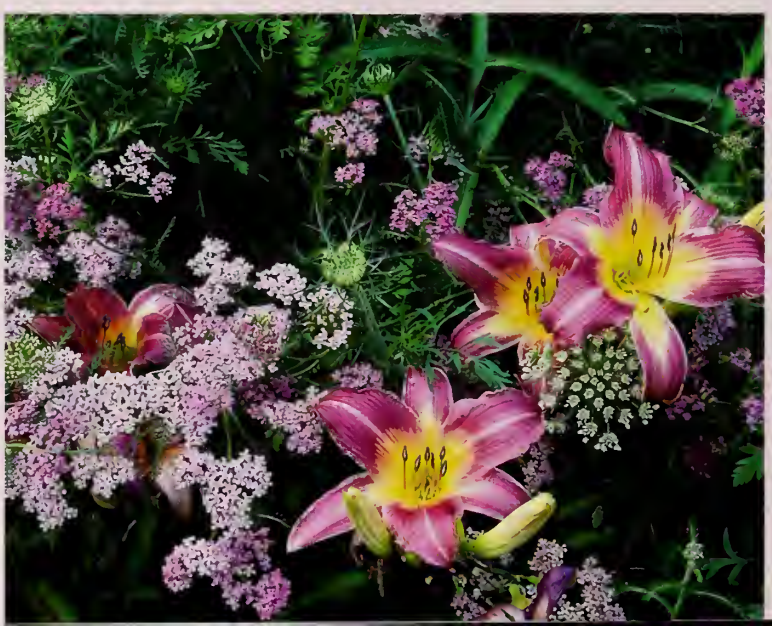
Alan & Linda Detrick

Top Right: Who knew that late-summer-blooming *Sedum* 'Autumn Joy' would just sing when placed next to a castor bean plant (*Ricinus communis*), which itself sports subtle pink highlights? Thank goodness for happy accidents.

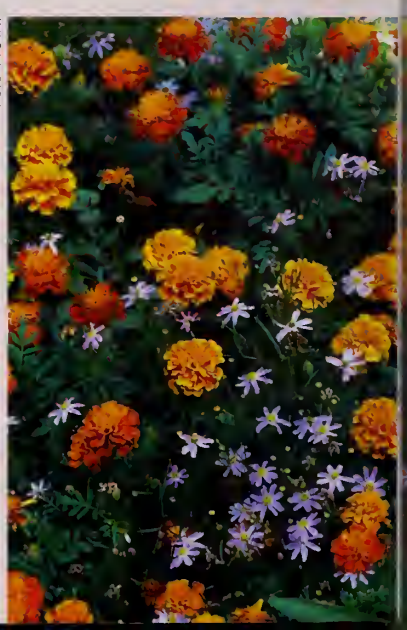
Right: In perfect harmony, the dark pink Triumph tulip, 'Attila', and the lighter 'Shirley' blend into a trance-like composition.

Below Left: A perfectly picturesque panorama of pink, this collage of daylilies (*Hemerocallis* 'Bejeweled'), yarrow (*Achillea* 'Rose Beauty') and Queen Anne's lace (*Daucus carota*) is nothing short of intoxicating. You can breathe now.

Far Right: Talk about edgy! Love it or hate it, this melding of pink threadleaf coreopsis (*Coreopsis rosea*) with the hot oranges, golds and russet-reds of 'Queen Sophia' marigolds is sure to raise eyebrows. Who said pink is old fashioned?



Alan & Linda Detrick



Pete Prown

Your Trees Deserve the Best of Care!



All Phases of Tree Care: Residential and Commercial

Maintenance Pruning • Prescription Fertilization
Plant Health Care Programs • Insect & Disease Management
Tree Support Systems • Lightning Protection

For a FREE consultation call **1-877-BARTLETT** (227-8538)
or contact your local office:

Bala Cynwyd, PA	(610) 664-3200
Cherry Hill, NJ	(856) 662-3767
Dublin, PA	(215) 249-1819
Exton, PA	(610) 594-4740
Wilmington, DE	(302) 995-7562

BARTLETT®

BARTLETT TREE EXPERTS

Scientific Tree Care Since 1907

www.bartlett.com



Proprietary Research | Unparalleled Investment Experience | **Personalized Service** | Networking Opportunities | Estate Planning

We understand that while all investors may share the same basic goal, how you achieve your goal differs. Our low client-to-advisor ratio ensures you get the care, time and attention to detail you expect. Plus, our Women's Financial Services Network offers seminars to help you make better-informed decisions. All of which helps you reach the most important goal of all. Your future. For more information, call **215-585-5438**, or visit **www.pncadvisors.com**.

PNC ADVISORS

The Thinking Behind The Money.℠

©2000 The PNC Financial Services Group, Inc. PNC Advisors is a service mark of The PNC Financial Services Group, Inc., for investment management, banking and fiduciary services.

GREEN scene

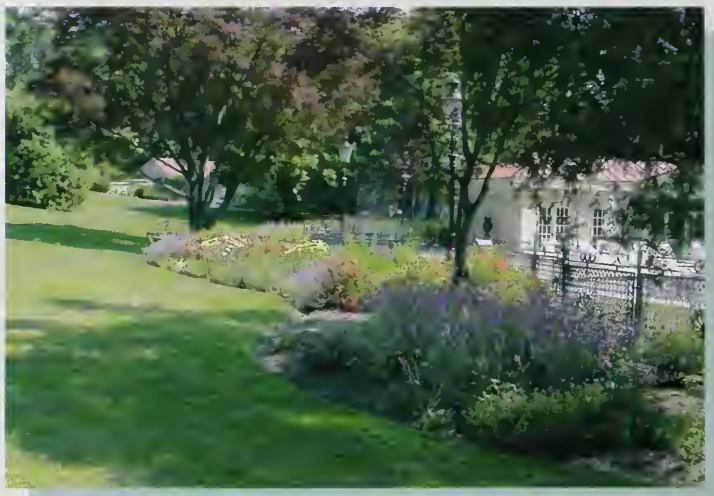
THE PENNSYLVANIA HORTICULTURAL SOCIETY

AUGUST 2002 • $5.00



COME TO THE PHILADELPHIA HARVEST SHOW!

Waterlilies • Fabulous Foliage Plants



GARRETT CHURCHILL

A LANDSCAPE DESIGN & BUILD COMPANY

- SITE DEVELOPMENT / PLANNING
- LANDSCAPE DESIGN
- LANDSCAPE CONSTRUCTION
- HORTICULTURAL SERVICES/MANAGEMENT
- LANDSCAPE LIGHTING
- AQUATIC GARDENS
- WATER FEATURES





The mission of Garrett Churchill is quite simply to create an outdoor environment that allows our clients to enjoy their properties by showcasing their individual lifestyles or corporate culture. This mission is accomplished through creative design/ build services as well as enlightened horticultural and management practices.

ALCA
Associated Landscape Contractors of America

Pennsylvania Landscape & Nursery Association

ANLA
American Nursery & Landscape Association

For more information please check out our website at www.garrettchurchill.com
E-mail info@garrettchurchill.com
1509 Edge Hill Road · Abington, Pennsylvania 19001 · 215-884-3766 · Fax 215-884-3672



Photo: Residential Container, Summer 2000.

Fine Garden Creations

Creative Garden Installations
Superior Plant Selection for Distinctive Plantings
Borders, Containers, Ponds, Stone Work, Arboriculture
Design, Installation, and Maintenance for All Seasons
Philadelphia, The Main Line, Swarthmore, Wilmington.

FINE GARDEN CREATIONS 610-338-0630 www.FineGardenCreations.com

Cathedral Village

22 Years of Achievement

Committed to...

Resident Satisfaction...starting with our own dining program that offers flexibility, choices, and a distinctive presentation of meals prepared by our Executive Chef, a graduate of the Culinary Institute of America in New York.

Creativity...which is reflected in the vibrancy of our award-winning retirement community. The atmosphere at Cathedral Village is frequently compared to a vacation resort.

Innovation...which has resulted in our trend-setting Health Club and Fitness Program, our expansive Greenhouse and Horticultural Program, and much more.

Vision...an on-going process that anticipates changing trends in future residents' expectations and establishes tomorrow's new standards. Our vision has earned us certification as a Retirement Resort™, our reward for not accepting the norm.

Value...which has earned us a reputation of providing more types of care and services for your dollar than any other community. Compare and see what real value means!

Visit us Monday through Friday between 9 a.m. and 4 p.m.
Appointments are encouraged for weekdays and are necessary on weekends.

Cathedral Village

600 East Cathedral Road, Philadelphia, Pennsylvania 19128
(215) 984-8622 Website: www.cathedralvillage.com

A Nonprofit, Nondenominational CCRC

Equal Housing Opportunity

Certified Member The World's Finest Retirement Resorts

Affiliated with the Jefferson Health System

Contents

FEATURES

12 Fantastic Foliage

Is there more to life than enjoying flowers? Yes, indeed! Join horticulturist Marilyn Romenesko for a sampling of 10 plants known for their exquisite foliage. From well-known coleus and hosta to more arcane varieties of *Euphorbia* and *Verbascum*, there are many fine foliage plants that will give your border a boost.

18 Come to the Philadelphia Harvest Show!

Fall is just around the corner and that means it's time for the PHS Philadelphia Harvest Show. Held this September 14 and 15 in beautiful Fairmount Park, this great family event features horticultural competitions, kids' games, and shopping galore, says writer Jane Carroll. Better still, PHS members can go for free!



24 Beholding the Waterlily

Terrestrial plants are beautiful, of course, but what could be more charming and romantic than a waterlily floating in a midsummer's pond? In this story, we visit the spectacular water gardens at Longwood Gardens and enjoy their world-class collection of lilies. We are also given a special behind-the-scenes glimpse of Longwood's water works.

30 Designs for Life

Sometimes a garden offers more than a delightful view. In Philadelphia's revitalized public spaces and gardens, thoughtful landscape design can help improve the quality of life. Here, John Gannon shows us three examples of good design in action.

COLUMNS

37 Savoring Herbs: *Attracting Butterflies*
by Alexandra Basinski

39 Organic Matters: *The Imperfect Garden*
by Rob Cardillo

40 Beguiling Bulbs: *Early-Fall Bloomers*
by Kathryn Andersen

42 Classified Ads

44 Backyard: *Thinking cool for August*

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

Cover Photo by Jim Roese

♻ PRINTED ON RECYCLED PAPER

GREEN SCENE

Editor
Pete Prown

Associate Editor
Jane Carroll

Publications Assistant
Laurie Fitzpatrick

Art Design
Baxendells' Graphic

Publications Committee
Stephanie Cohen
Alan Detrick
Linda Detrick
Beverly Fitts
Anne Kellett, *ex officio*
Adam Levine
Jennifer Lin
Marby Sparkman
Bill Stieg
L. Wilbur Zimmerman

Printer
ALCOM Printing Group, Inc.

THE PENNSYLVANIA HORTICULTURAL SOCIETY

100 N. 20th St.
Philadelphia, PA 19103-1495
(215) 988-8800

Chair
Anne Kellett

President
Jane G. Pepper

Executive Vice President
J. Blaine Bonham, Jr.

PHS Membership Information
Linda Davis, (215) 988-8776

Display Ads
Kim Richards at Manzo Communications, (610) 527-7047 *kim4manzocomm@aol.com*

Classified Ads
Laurie Fitzpatrick, (215) 988-8769
lfitzpat@pennhort.org

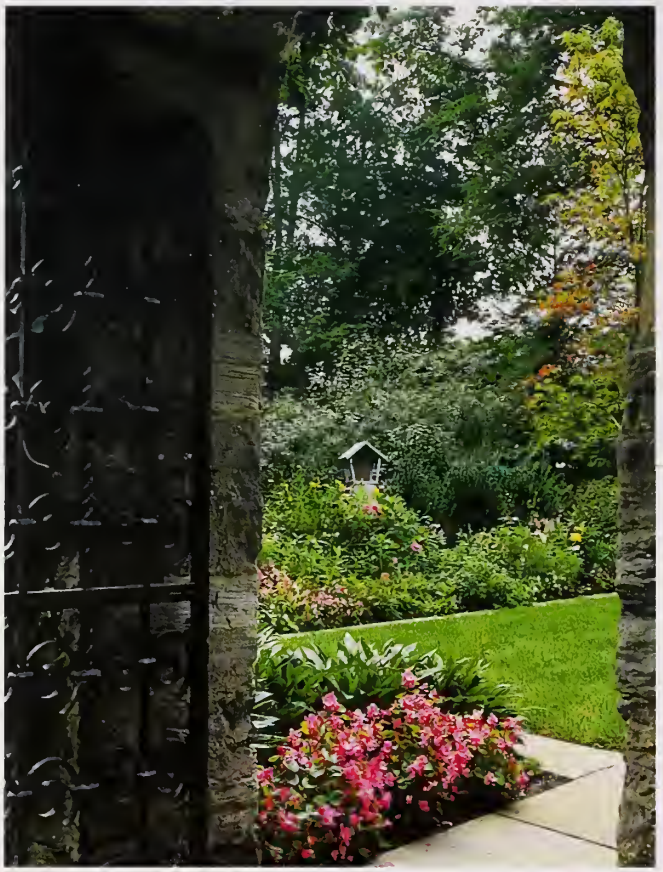
Ask A Gardener Help Line
(215) 988-8777, Monday through Friday, 9:30 to 12 *[closed in December]*
askagardener@pennhort.org

Web Site
www.pennsylvaniahorticulturalsociety.org

GREEN SCENE (USPS 955580), Volume 30, No. 4, is published bi-monthly (February, April, June, August, October, December) by The Pennsylvania Horticultural Society, a non-profit member organization at 100 N. 20th St., Philadelphia, PA 19103-1495. Subscription: $16.95. Single Copy: $3.00 (plus $2.00 shipping). Second-class postage paid at Philadelphia, PA 19103. **POSTMASTER**: Send address change to GREEN SCENE, 100 N. 20th St., Philadelphia, PA 19103.

© Pennsylvania Horticultural Society, 2002

GREEN SCENE subscriptions are part of the membership benefits for:
Cox Arboretum, Dayton, Ohio
Frelinghuysen Arboretum, Morristown, NJ
Horticultural Society of Maryland, Baltimore
Horticultural Society of New York
Phipps Conservatory, Inc., Pittsburgh, PA
Staten Island Botanical Garden, Inc, New York



GALE NURSERIES PROUDLY ANNOUNCES THEIR MOST RECENT RECOGNITION

CLASSICAL AMERICA

PRESENTS

THE ARTHUR ROSS AWARD

TO

CHARLES H. GALE, JR.

LANDSCAPE DESIGNER

For gardens around Philadelphia

PRESENTED BY

HER ROYAL HIGHNESS PRINCESS MICHAEL OF KENT

Gale Nurseries Inc.

A Design/Build company for Period, Native and Contemporary Gardens

Charles H. Gale Jr. B.S. Ornamental Horticulture

1716 School House Road, Box 264 • Gwynedd PA 19436

215.699.4714 • fax 215.699.3203 • chgale@comcast.net

redbud

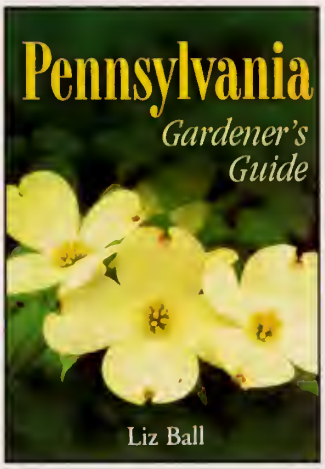
native plant nursery

trees, shrubs and perennials for the backyard conservationist



1214 n middletown road
glen mills, pa 19342
phone (610) 358-4300
hours tuesday through sunday

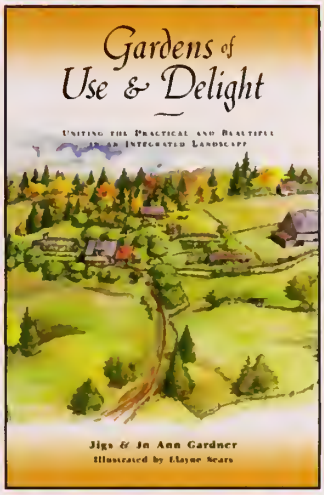
A Book by the Lake



In my December letter, I wrote about fine gardening books to read by the fire during those long winter months. Even though we're now in the lazy days of summer, books remain a potent—and quite pleasing—tool for the gardener. August, in fact, is traditionally the time many of us take a break from work and go on holiday. This can be a week at home catching up on chores or maybe a trip to the beach, the mountains, or some exotic foreign locale. And while on vacation, what better way to recharge one's gardening batteries than lying on a hammock in summertime with a good book, picking up some new horticultural tips or sources of pure inspiration.

In the past few weeks, a number of new titles have been piling up on my desk, all of which should prove to be interesting summer reading for the recumbent gardener. Better yet, several of these books are also available in PHS's McLean Library, in case you want to sign them out before you leave town.

If you're in the mood for practical, down-in-the-dirt garden writing, Liz Ball's latest publication, *Pennsylvania Gardener's Guide* (Cool Springs Press), seems like an essential book for our region. With color photos galore and a highly logical format, this reference book offers profiles of annuals, bulbs, grasses, perennials, groundcovers, trees, shrubs, vines, and even water plants that thrive in southeastern Pennsylvania. There are also chapters on plant care, invasive species, and other subjects critical to the local gardener. I can imagine that reading this paperback on vacation would give anyone a terrific jump on planning next year's garden.



Another book that caught my attention is *Lemon Herbs* (Stackpole Books) by Ellen Spector Platt. A nice niche book, this one will find a home with fans of fragrant gardens as well as kitchen gardeners, who will get hungry reading the many sumptuous recipes the author has provided.

Also from Stackpole is *Thoreau's Garden: Native Plants for the American Landscape* by Peter Loewer. Here, the author creatively intertwines entries from Henry David Thoreau's journals from the 1850s with his own perspectives on useful native plants. The vintage entries are especially compelling. On August 12, 1856, Thoreau wrote, "Saw the primrose open at sundown. The corolla burst part-way open and unfolded rapidly; the sepals flew back with a smart spring. In a minute or two, the corolla was opened flat and seemed to rejoice in the cool, serene light and air."

If that isn't enough inspiration, *Gardens of Use and Delight* (Fulcrum Books) by Jigs and Jo Ann Gardner should do the trick. This is the amazing tale of the Gardners' emigration from New England to Cape Breton Island in Nova Scotia some 30 years ago and how they learned to live off their garden in that harsh coastal environment. Interspersed with the stories of hardship and triumph are practical tips on growing, plant care, and recipes. The book is also graced by lovely watercolors by Elayne Sears.



And if you just want to daydream as you lie on the beach, look no further than *The English Cottage Garden* (Cassell Paperbacks) by Jane Taylor and Andrew Lawson. You may be sitting by the ocean slathered in sun-tan oil and sipping a Diet Pepsi, but within these pages you'll be transported to the English countryside via Lawson's lush color photographs and Taylor's detailed caption annotations. From Hampshire to Hereford, this portable book is overflowing with lupines, foxgloves, and roses in rampant profusion.

Surely, sometimes you even need a vacation from your vacation.

Pete Brown

email: *greenscene@pennhort.org*



Photography by Pete Prown except where noted



Left: The author and her freshly root-pruned ivy.

Maintaining Topiaries

Try Root Pruning to Keep Topiaries Growing Nicely

by Janet Bly

Top to bottom:

- Put your container on a sheet or tarp—this may get messy!
- Remove topiary from its pot
- Loosen tangled roots.
- Use pruners to cut away dead roots and one-third of live root mass.





Janet Bly





My 24-inch ivy topiaries had filled in well after three years, completely covering the conical wire frames on which the ivies grew. However, their fourth season was marked by listless growth and leaf loss. After ruling out insects and disease as culprits, the possibility that it was "pot bound" seemed a likely problem.

As potted plants increase in size, gardeners routinely repot them in larger containers to accommodate expanding roots. However, since topiaries are generally meant to be maintained at a predetermined size and remain in the same container, the need to repot and refresh the planting medium periodically is easily forgotten. Surprisingly, this suggestion is generally missing in books about topiaries.

After removing the topiaries from their pots, I found that the roots of each plant had completely filled the container and had pushed much of the original planting medium out of the bottom drainage hole. So, not only were the plants completely pot-bound, but they had little soil to sustain them. After hosing off all the soil, I untangled the roots as much as possible. With pruning shears, I then cut away all roots that appeared to be dead and removed about one-third of the live root-ball mass. In removing the live roots, the intent should be to achieve a balanced root ball, much as one would approach pruning the top of the plant.

To replant, place coarse gravel or pot shards in the bottom of the pot to ensure drainage and then add 2 to 3 inches of potting soil. Place the root ball in the middle of the pot, spreading the roots as much as possible and keeping the crown about an inch below the lip of the pot. Gradually fill in soil in between and around the roots, firming the soil with your hands. Since it is important to make sure the soil works its way around the roots, water gently when the pot is half filled with soil and again before the top is reached. Add more soil as necessary as the soil in the pot settles. Firm the soil around the crown and water again thoroughly.

Place the plant in a shady spot for a week or so, watering regularly. When new growth appears, apply a gentle fertilizer. After another week or so, the plant should be ready to return to its usual spot. After undergoing the root pruning and repotting process, the ivy topiaries responded with vigorous new growth within two weeks and after a month were completely rejuvenated.

This process can be used with many plants whose roots have outgrown their containers. For example, I've root-pruned 7-foot ficus trees when they appeared to have lost vigor, rather than changing them to larger containers. And I've root-pruned smaller plants that I wanted to keep in the same decorative planters.

So, to keep your topiaries growing well, add root pruning to your schedule every few years. It's easy to do and well worth the effort.

Janet Bly wrote about a native orchid in the February 2002 issue.

Revisiting Ladybugs

by Suzanne Wainwright Evans

When it comes to beneficial bugs, what was old is new again. For today's modern gardener, forward thinking means looking *back* to the old ways of gardening. One way to do this is to allow all good bugs to thrive in our gardens, especially ladybird beetles, more commonly known as "ladybugs."

Ladybird beetles are the vacuum cleaners of your garden: they cruise around on your plants eating any fleshy little morsels they can get their mouth parts on. They devour such nasties as aphids, mites and even caterpillar eggs. In fact, they will feed on almost any soft-bodied insect. Even the larva of the ladybird, which many people would not recognize, has a voracious appetite. The larvae look like tiny black alligators with yellow bands. They are wingless. They will have three pairs of legs like the adult beetles, but that is about the only similarity. Ladybirds lay small, orangish, spindle-shaped eggs. They are laid in clusters of 10 to 15 on leaves.

With gardeners' growing love of ladybird beetles, many have tried to enhance their garden populations by buying them. If you are going to buy ladybird beetles, you should be asking the seller, "Where do these ladybugs come from?" Some suppliers sell ladybird beetles that have been "harvested" from natural winter aggregation sites.

In the western United States, after feeding, ladybirds will head up into the mountains by the millions to spend the "off season" in huge hibernating masses. These are usually convergent lady beetles, *Hippodamia convergens*. Collectors come along and scoop up the hibernating ladybirds and ship them out for release. Once released into a landscape or garden, they usually leave the area before feeding or laying eggs, providing little or no control for your insect pest. Harvesting from the wild is also not environmentally sustainable.

So what is a gardener to do? Here are some hints to get the most out of ladybirds:

- **Use varieties of plants that have pollen.** Many ladybirds like to feed on pollen in addition to insects, and this will bring them in naturally.
- **Be selective with what you spray on your plants.** Ladybird larvae are very sensitive to pesticides.
- If you have an infestation of pest insects and would like to buy in some ladybird beetles, **buy from a reputable insectary**, like Entomos LLC (*www.entomos.com*). They use a lab to rear ladybirds that are native to the northeastern United States.
- **Buy ladybird larvae.** Larvae have not yet developed wings, forcing them to stay in your garden to feed.



Suzanne Wainwright Evans

Suzanne Wainwright Evans is an ornamental entomologist living in Frenchtown, NJ. She can be contacted at *buglady@aol.com* or (908) 996-4707.



Native Charm of the Shining Rose

by Judith C. McKeon

The smallest of the eastern North American roses, the shining rose, *Rosa nitida*, is a little charmer and a garden-worthy species unknown to many gardeners. In its native haunts, from Newfoundland to Southern New England, the shining rose forms a low-growing mound or thicket about 18 to 24 inches tall and wide from creeping stems. In gardens, this versatile, deciduous shrub may grow a bit bigger—30 inches tall and wide. *Rosa nitida* makes an attractive, compact mound covered in clean glossy foliage that colors to a brilliant purple scarlet in autumn. The bright pink single flowers of summer are followed by berry-like red hips.

In New England and eastern Canada, this little native inhabits harsh situations atop headlands, in meadows and at the margins of swamps. In cultivation, the shining rose thrives in nearly any situation and tolerates boggy soils. South of its range, where summers tend to be hot and dry, this Northern species appreciates some afternoon shade. Therefore, when siting *Rosa nitida* in Delaware Valley gardens, choose a morning exposure. The multi-season interest and dwarf size of the shining rose make it an excellent choice for use in the rock garden or as a foreground shrub in mixed borders, where the handsome, disease-free foliage integrates attractively with perennial companions.

Unlike modern hybrid tea roses, the shining rose thrives on neglect. Little pruning is required. Simply maintain desired width by pulling up creeping stems each spring. Plant bare-root or potted specimens of *Rosa nitida* in spring or fall. Enhance your native plant palette and enjoy the charms of the shining rose from New England in your garden.

As for cultivars, 'Corylus' is a hybrid between *Rosa nitida* and *Rosa rugosa* var. *rubra* that combines ornamental attributes of both parents. Infused with the robust, ironclad vigor of *R. rugosa*, the cultivar produces heavily scented, large bright pink single flowers. Expect it to reach 3 to 4 feet tall and wide, clothed in the pointed glossy foliage of the shining rose. The foliage turns to golden orange in autumn. Like its *Rosa rugosa* parent, 'Corylus' is heat tolerant and performs best in a well-drained situation in full sun.

SOURCES

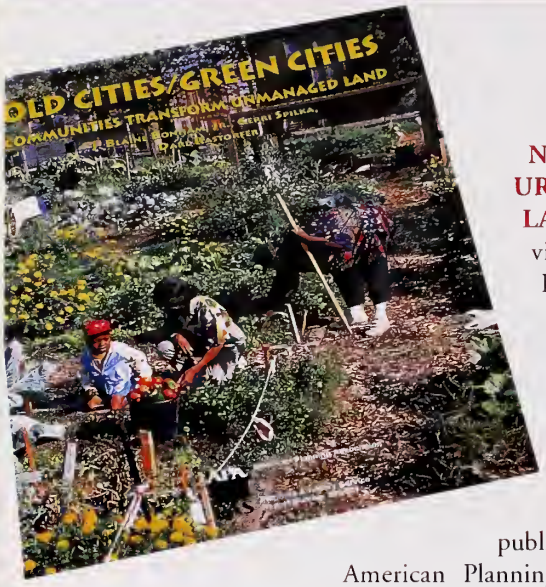
B & B Nursery & Propagators (California)
(530) 934-2676, *www.bandbnursery.com*

Forestfarm (Oregon)
(541) 846-7269, *www.forestfarm.com*

Heritage Rosarium (Maryland)
(301) 774-2806, email: *heritagerog@aol.com*

Judith C. McKeon is a garden writer and author of *Gardening with Roses*. Her email is *ripka@surfree.com*.

GARDEN NET



NEW BOOK ON URBAN VACANT LAND. PHS executive vice president J. Blaine Bonham, Jr. is co-author of a new book, along with Gerri Spilka of the OMG Center for Collaborative Learning and Darl Rastorfer, published in April by the American Planning Association. **Old Cities/Green Cities: Communities Transform Unmanaged Land** explores the problem of urban vacant land plaguing older industrial cities, with a special focus on Philadelphia. The book takes a close look at PHS's Philadelphia Green program—including numerous color photographs of some of its most successful projects—and outlines a comprehensive "Green City Strategy" for the city. It is available through the American Planning Association's online bookstore at *www.planning.org*. Or you can call the Planning Association at (312) 431-9100.

GOING POSTAL. Just when you think you've seen everything for the gardener, along comes the **Post Planter**, a novel idea from Lawnmarks, Inc. The company is taking advantage of the average American homeowner's penchant, *nay* obsession, for planting flowers around his or her mailbox. Scientists have not yet discovered precisely *why* we're inclined to do this each spring, but we do it nevertheless, be it a clump of petunias, 'Nelly Moser' clematis or fluorescent annual geraniums.

Thus comes the Post Planter, a column-like lawn *tchotchke* that has tidy little planting pockets, as well as provisions for a mailbox, light fixture, address number, or even a sign, if you go so far as to name your house and/or estate. One model even supports an electronic transmitter to let you know if the mail has arrived. What will they think of next! For more information, visit *www.mailboxpostplanter.com* or call (866) PLANTER.



AXING ARSENIC. After many years, American lumber companies have agreed to stop using arsenic-based preservatives in so-called **pressure-treated wood** by the end of 2003. It is often used in outdoor structures like playgrounds, decks, and picnic tables. Environmental groups have long contended that arsenic, a known carcinogen, remains on treated wood surface for years and rubs off on people's hands, as well as leaches into the surrounding soil. Industry officials, however, still maintain that treated wood is safe and that the change is a voluntary response to consumer demand. For more information, visit *www.epa.gov/pesticides/citizens/1file.htm*

THE STRAIGHT POOP. Two new **organic fertilizers** will soon be widely available. Simple Gardens has developed an easy-to-use home fertilizer made from chicken waste. According to the company, the product is completely non-toxic thanks to a heat-based sterilization process. And by recycling chicken waste, it helps reduce the problem of nitrogen run-off into rivers and streams. (Fertilizer run-off is responsible for a "dead zone" in the Gulf of Mexico the size of the state of Massachusetts.) For more information, visit *www.simplegardens.net*

Meanwhile, Seattle-based SoilSoup, Inc. is introducing a 6.5-gallon compost-tea brewing system suitable for home gardens, lawns, and small organic farms. "Applying SoilSoup is like adding several inches of compost to the soil," notes their literature. The starter system—at $329 a pop—includes five pounds of worm compost and a "compost tea bag." Would you like crumpets with that? For more information, visit *www.soilsoup.com*

DROUGHT INFORMATION. On the PHS website (***www.pennsylvaniahorticulturalsociety.org***), visitors can now find information on the drought that is affecting our region. When you click on "Special Section: Drought 2002," you will find instructional material on conserving water, capturing rain and shower water for the garden, and how to help your plants survive the current drought.

STARTING OVER...AGAIN. Marty Detering, a *Green Scene* reader in Cochranville, PA, emailed a response to Pete Prown's **"Letter from the Editor: Starting Over"** in the April 2002 issue. Here are some of her comments: "I am married to a retired Marine, and moving from one duty station to another for nearly 20 years forced me to start over frequently. Pete's article had wonderfully valid points, but I feel it omitted one very important thought. You must live in your surroundings for a time to understand how you will use your space, the paths you choose to walk and the vistas that are important to you (or any eye-sore views to eliminate). Secondly, we all have grand plans that are better simplified. Keeping things simple allows the beauty of the land to shine through and also makes maintenance easier. Have fun...I do envy anyone's chance to start over again!"

Shoppe by Mail



A.
Tie one on! PHS ties that bloom all year. Printed on silk jacquard.
A-1 Floral
A-2 Blue squares
Gift boxed. $35 (member price $27)

THE PENNSYLVANIA HORTICULTURAL SOCIETY
18 27
PHILADELPHIA GREEN
PHILADELPHIA FLOWER SHOW

Proceeds from the sale of these products benefit The Pennsylvania Horticultural Society's programs, including Philadelphia Green, the nation's most comprehensive urban greening program.



B.
The flower garland scarf. 36" square, 100% silk satin. Cream ground, multi colours work with all apparel. Gift boxed. $68 (member price $60)



C.
Perfect accent! PHS oblong silk satin chiffon scarf with Victorian bouquets. Citron green, 58" x 11" Gift boxed. $30 (member price $27)



D.
Celebrate with us! PHS 175th Anniversary commemorative plate. 10" cream with gold. Gift boxed. $35 incl. tax (member price $31.50)



E.
Café latté? PHS mural mug. 14 oz., ceramic. $13 incl. tax (member price $11.70)

PHS Shoppe
Pennsylvania Horticultural Society

100 North 20th Street - 5th floor, Philadelphia, PA 19103-1495

To order by phone, call 215-988-1613 • To order by fax: 215-988-8783

Name _____ Address _____

City _____ State _____ Zip _____ Phone (day) _____

Member ID# _____

Email _____

PAYMENT INFORMATION

❒ Check or money order, payable to PHS

❒ Visa ❒ Mastercard

Card # _____

Exp. Date _____/_____

Cardholder Name _____

Signature _____

Thank you for your support of PHS!

Item #	Quantity	Item Description	Item Price	Total

Shipping/Handling		
Up to $25	$5	
$25.01-$35	$6	
$35.01-$50	$7	
$50.01-$75	$9	
$75.01-$100	$10	
$100.01-$150	$12	
over $150	10% of sale	

Total Merchandise	
Standard Shipping *(see chart to left)*	
Fed Ex - call for charge Additional Shipping Charges	
Total	



'Meandering Linda' coleus

10 Lovely Leaves for the Garden

Fascinated by Foliage

Story by Marilyn Romenesko

Few people can resist a stunning profusion of colorful blossoms or a perfect, single stem of rose, iris, or peony. But more and more gardeners are waking up to the beauty of foliage. From container plantings in Center City Philadelphia to the lovely, spacious gardens in the suburbs and beyond, foliage is finally grabbing some attention of its own.

There are certainly many trees, shrubs, and vines with spectacular foliage—enough for a whole book, much less a single article. But amazing ornamental characteristics can be found in our herbaceous (non-woody) plants, and that's what we will concentrate on here. One need only look at the genus of the easily propagated herbaceous annual **coleus** (*Solenostemum* sp.) to develop an appreciation of the broad range of color and patterns possible in foliage. The advent of sun-loving coleus varieties, such as those in the Solar Series, has brought the use of these exciting annuals back into vogue. There seems to be a coleus for any color scheme, but it is probably more interesting to build a color scheme around one or more of the coleus cultivars. 'Wild Lime', 'Solar Shadow', 'Penny' and 'Camouflage' are a few of the newer cultivars of sun lovers that I find especially appealing. Or try the daring magenta cultivar, 'Meandering Linda' for a dash of dramatic red.



Walter Chandoha

COLEUS ➤

HOSTA ➤

Another genus with a vast array of color choices is **hosta**. While there are hostas in chartreuse, blue-green, green, and variegated patterns, this genus also possesses many varieties with outstanding texture and form. The old standby, *Hosta sieboldiana* var. *elegans*, can develop into a 5-foot-wide by 30-inch-high mound. The size of a small shrub, this cultivar



Walter Chandoha

has the added bonus of blue-green, seersucker-textured foliage, which can be overlaid with a striking chartreuse hue. Other hostas offer satin-textured foliage such as that of the newer cultivar, 'First Lady', which also has a chartreuse edge surrounding its emerald green center. Some of the most exciting cultivars contain three shades of either green, yellow or white in each leaf. *Hosta* 'Guacamole', for example, has green, light pastel green and chartreuse-to-yellow variegation in each leaf.

LAMIUM



Morilyn Romenesk

OREGANO

There are also culinary plants with beautiful foliage to consider beyond their merits in the kitchen. In addition to the many lovely basils and sages, **oregano** has seen many new cultivars in the last few years, including 'Herrenhausen' (*Origanum laevigatum* 'Herrenhausen'). It has an attractive mid-summer display of dark pink flowers and especially interesting purple fall foliage. A recent addition to my garden is the Norton Gold oregano (*Origanum laevigatum* x *O. vulgare* 'Aureum'), which was introduced to the United States from England in 1995. In full sun to part shade, this oregano forms an 8-inch-high mound of yellow foliage that holds its color over a long period. This multi-purpose plant also provides a savory and colorful garnish for many entrees.



Pete Prown

In the same family as oregano are the many varieties of deadnettle, perhaps more commonly known by its genus name of **lamium** (*Lamium maculatum*). These groundcover plants are mostly 1 to 3 inches in height and are versatile, too, growing in sun or shade. An unfortunate name for a highly ornamental gem, deadnettle is variegated with one or several colors. The cultivar 'Golden Anniversary' is especially showy with its chartreuse, silver and green variegation. In spring this plant is topped off with small lavender flowers for over a month. The plant in flower is striking if not gaudy; I prefer its appearance without the flowers. Perhaps a new breeding program will provide a cultivar of this one without flowers.

JAPANESE PAINTED FERN

Whether planted alone or in a group, the **Japanese painted fern** (*Athyrium nipponicum* 'Pictum') can be another bright accent

SAGE ➤

in the deep shade garden. The fronds of this fern have a deep violet stalk and the pinnae are also flushed with deep violet. In stark contrast, the remainder of its pinnae become a lovely silver-gray color. It does require supplemental watering during extended dry periods, but is otherwise trouble free.

Garden or common **sage** (*Salvia officinalis*) is uncommon in its functions as an herb and an excellent garden ornamental. The gold and green variegated form (*S. officinalis* 'Aurea') is purportedly a tender perennial, although it came back in my Wilmington, Delaware garden this year. The variegation of this cultivar is especially bright and pleasing in the border, where it combines easily with most other colors. I prefer lavender or blue colors with this cultivar whose overall effect is chartreuse. I also find that it is well behaved in the garden, forming a 12-inch-high by 18-inch-wide mound. This yellow sage, purple sage (*S. officinalis* 'Purpurascens') and the tricolor sage (*S. officinalis* 'Tricolor') are all good culinary selections as well as attractive foliage plants for gardens, containers or (temporarily) the kitchen window sill.



Walter Chandoha

DONKEY-TAIL SPURGE ➤

Breathtaking as a groundcover, **donkey-tail spurge** (*Euphorbia myrsinites*) is another perennial that has more attractive foliage than flowers. Its glaucous blue-green, imbricate foliage starts out held above the floral stems and later stretches out to hug the ground octopus-style, spreading up to 18 inches. The foliage remains all year with bright chartreuse flowers forming in spring on the previous year's stems. It prefers full sun and soil that's on the dry side.

The genus ***Verbascum*** is a must-have biennial for anyone who truly appreciates the textural qualities of plants. In its first year, *Verbascum bombyciferum* 'Arctic Summer' forms an impressive 2-foot-diameter rosette of bold woolly foliage that is silver to white in color. In the second year, another rosette is formed and an extremely tomentose raceme rises up to 3 feet high before the numerous 2-inch florets gradually open. The raceme follows the direction of the sun and tilts toward where the sun was last seen—obviously a sun-loving plant. It also prefers well drained soil, especially in winter. No garden, especially one designed for the senses, should be without *Verbascum* 'Arctic Summer'.

One of the most daring of the tropical plants used in area gardens,



Alan and Linda Detrick



Rob Cordillo



Marilyn Romenesko

VERBASCUM ➤

and probably the most difficult to use effectively, is the **castor bean** (*Ricinus communis*). Growing up to 10 feet high and 6 feet wide in a single season, castor bean rivals the sunflower for height achieved in a single season when grown from seed. If you dare to use it, a site in full sun is best, though it can grow to shorter heights in part shade. The foliage of various cultivars ranges from maroon to green, and the leaves are palmately lobed, sometimes with red vienation. The cultivar 'Carmencita' has very attractive green to maroon foliage with each leaf reaching up to 12 inches in diameter. The leaf lobes are divided by electric-red-colored veins. This one has the added bonus of numerous large, bright salmon-pink seed pods, which develop toward late summer. Caution should be used in handling this plant, since all of its parts are poisonous if ingested.

Fountain grass and **purple fountain grass** (*Pennisetum setaceum* and *P. setaceum* 'Rubrum') offer a very different foliage effect and graceful movement with the slightest breeze. My first and most memorable experience with this species was at an evening event where the landscape featured fountain grass in a planter supplied with uplighting. The fine texture of the long narrow grass blades, combined with its movement in the breeze, created a magical scene. While green and purple fountain grass are both annuals, they will mature quickly when grown from a 4-inch pot in spring. The inflorescence of both, while attractive, tends to turn a buff color with age and is secondary to the very fine textured foliage that flourishes throughout the growing season.

FOUNTAIN GRASS ➤ CASTOR BEAN ➤

Iro Beckof



These are just a few of the many choice foliage plants available for use in our gardens. Next time you look at your garden, try to imagine the scene you can create without the benefit of flowers. The foliage qualities of texture, shape, color, and movement of our plantings are truly indispensable.

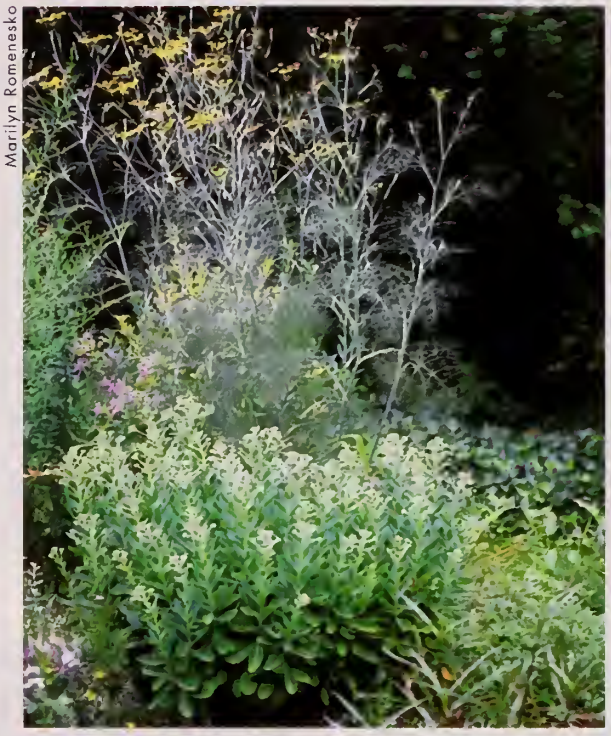
Marilyn Romenesko is a project manager for PHS's Philadelphia Green program. She gardens extensively in Wilmington, Delaware.

MORE FAB FOLIAGE

Marilyn Ramenesko



Marilyn Ramenesko



Walt Chandoha



Clockwise from top left:

1) *Heuchera*
2) *Amsonia hubrectii*
3) *Canna* 'Bengal Tiger'
4) Creeping Jenny
5) Bronze fennel

Pete Prown



Walt Chandoha





At the 2001 Harvest Show, Stephen Clarke of Havertown, Pennsylvania set a new world record in speed pumpkin-carving, creating a jack-o-lantern from a whole pumpkin in just 2 minutes, 31.6 seconds.







Photography by Jim Roese, except where noted

It's Harvest Show Time!

Story by Jane Carroll

There will be pumpkins aplenty at PHS's upcoming Philadelphia Harvest Show (September 14-15). And not only pumpkins—there will also be glorious flowers, vegetables, pies, and more to behold. The Harvest Show is also one of most enjoyable family events of the season, giving young people lots of opportunities to run, jump, paint, play and just have fun. Here are a few glimpses of the Show for young and old to enjoy.



Above: A few bales of hay provide loads of fun for some young Harvest Show visitors.

Kevin Nash/KSN Images







Above: A young pumpkin connoisseur eyes some choice specimens.



Right: Beside the reflecting pool, visitors shop for plants, fresh preserves, garden ornaments and other accessories.

It's Harvest Show Time!

Left: PHS staff member Tanya King gets into the spirit of the 1999 Harvest Show theme, "Harvest Luau."



Above: With remarkable calm, exhibitor Robert Harvey, Jr. from Harvey's Honey (of Monroeville, NJ) models the famous "beard of bees," a highlight of the Harvest Show each year.



My Eggplants

by Emily Hylton, age 11

This is the story about how I got to grow my eggplants. At the 2000 Philadelphia Harvest Show, I was walking around when I saw Steve Clarke's wonderful basket of eggplants. I thought they were the neatest vegetables I had ever seen, so my grandma (PHS member Tina Colehower) asked Steve if he could send me some eggplant seeds, and in January, he sent me some. I planted them in March. I started them in little containers and after they grew a little I moved them into a bigger container.

They got left outside in a bad storm and were covered in mud, so I moved them into even bigger pots and they grew a whole lot. In July, my family moved to my new house in Virginia and my eggplants got moved to my new house in the moving van. And then they were ready to enter in the Harvest Show. I entered them in the youth section of the 2001 Show and got a blue ribbon and a special bronze medal, too. And I'm already growing my new seeds for the 2002 Show this September. Can't wait!

It's Harvest Show Time!



Left: Face painting is just one of many fun activities for children at the Harvest Show.

Below: Young racetrack tycoons root for their edible hotrods in the Veggie Races.







Above: A colorful row of "preserved products" attracts attention inside Fairmount Park's Horticulture Center.

Right: Breathtaking home-grown dahlias often steal the show.

2002 PHILADELPHIA HARVEST SHOW

DATES
Saturday, September 14
Sunday, September 15

HOURS
10am - 5pm

LOCATION
Horticulture Center, Fairmount Park
Philadelphia, PA

THEME
Rock-and-Roll Harvest!

PRODUCER
The Pennsylvania Horticultural Society

SPONSORS

SUBARU

BARTLETT TREE EXPERTS

INFORMATION
(215) 988-8800
www.pennsylvaniahorticulturalsociety.org

TICKET PRICES
Adults, $6 (PHS members receive complimentary tickets.)
Children (ages 2 - 12), $2 *Must be accompanied by an adult*

OPENING CELEBRATION
Friday, September 13, 4 - 7pm
Free to PHS members; PHS member guests $6

PHS MEMBERS' ANNUAL PLANT DIVIDEND
Friday, September 13, 4 - 7pm
Saturday, September 14, 10am - 5pm



PHILADELPHIA HOUSEPLANT WHOLESALERS
Fall 2002



HOPE YOU ENJOYED YOUR SUMMER!

We'd like to thank our customers for making our retail business a success.

•

Bring in this ad for a 10% discount on everything in our 13,000 square foot houseplant warehouse!

•

EVERYTHING FOR INDOOR & OUTDOOR GARDENING

HEALTHY HOUSEPLANTS AT WHOLESALE PRICES

•

Over 5000 Plants in Stock at all Times
From 6" Pots for the Windowsill to 15" Tall Specimens

•

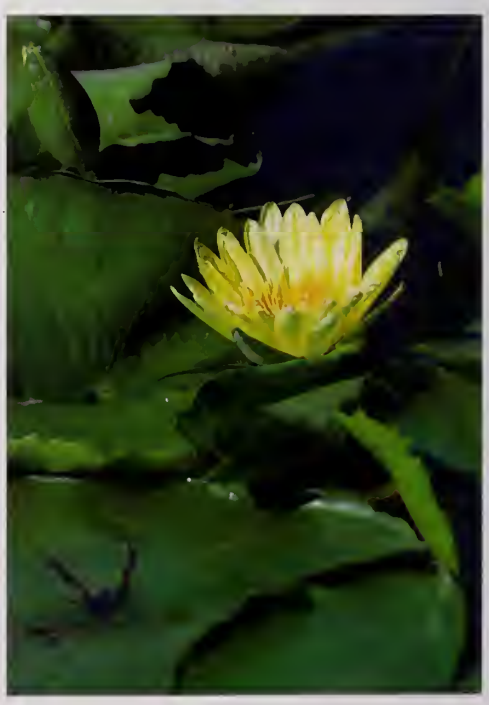
PLANT RENTALS
COMMERCIAL - RESIDENTIAL

1233 BAINBRIDGE STREET
ONE BLOCK OFF
S. BROAD STREET
OPEN 7 DAYS
215-545-5044
WE DELIVER!

The Lilies of Longwood

Story and Photography by Pete Prown

For one of the grandest water-garden displays in the country, one need look no further than Longwood Gardens in Kennett Square, Pennsylvania. With ponds started over 40 years ago, this venerable horticultural institution maintains a stunning collection of water plants, including waterlilies, lotuses, and giant Victoria "water platters." How does Longwood make such a large operation flow so seamlessly? Let's take a tour of the famed aquatic gardens and see what secrets we can uncover.



Left: *Nymphaea* 'Aviator'
Opposite page: *N.* 'Antares'

Behind the Scenes at a Large-Scale Water Garden





Above: *N.* 'Rhonda Kay'

Guiding us on our behind-the-scenes tour is senior gardener Tim Jennings, who's been at Longwood for 12 years. Originally a student in Longwood's Professional Gardener Training Program, Tim worked in several positions there before concentrating on his true love, water gardening. Along with a crew of part-time volunteers, he tackles everything from planting and fertilizing in the spring to removing huge amounts of plant debris in autumn. So just what makes Longwood's collection so impressive?

"Basically, it's our resources and dedication. At Longwood, we do things in a big way and, in our water gardens, we have *big* plants. Our ponds hold 160,000 gallons of water and the waterlilies sit in pots that are 3 to 6 feet in diameter. They're constructed out of concrete rings cut to a depth of about 15 inches. The ponds are 30 inches deep, so the plants have 15 inches of clearance from the top of the pot to the surface of the water, giving them plenty of room to thrive in a full-sun location."

WATERLILY CARE

How else does Longwood achieve such big, glorious plants? Basically, proper cultural conditioning, including fertilizer, is the key contributor to the quality and size of their waterlilies and other aquatic plants. "We plant up our lilies using basic field soil from designated fields around Longwood," notes Tim. "We improve it by sowing cover crops like buckwheat, clover, and alfalfa, which add rich nutrients and organic matter. To this, we also blend in granular fertilizer rated at 10-6-4. In terms that the home water gardener can relate to, this is in an approximate ratio of 4 ounces of fertilizer to 10 quarts of soil. Starting in July, we give plants fertilizer supplements about every two weeks. Each plant has different needs, of course, but the home enthusiast should simply follow the directions on the fertilizer package."

Considering that Longwood has a large quantity of tender tropical waterlilies, it's surprising to learn that they aren't overwintered from year to year. "We start with new plants

every spring—it's easier for us that way. In the fall, we put on hip waders, go dig all the old plants and compost them. We have so many plants that this process can take 2 to 3 weeks. We then start new plants from tubers each year.

"Home water gardeners can learn to overwinter tropicals, especially considering that they aren't cheap to buy. There are two kinds of lilies one can buy. *Viviparous* plants form their babies right on the leaf. You can remove them in August or September and pot them up. Put them in an aquarium for the winter and keep light on them. The other way to overwinter tropical waterlilies is by collecting *tubers*. You can encourage tubers on your tropicals by essentially stressing the plant—you put it in a smaller pot and deadhead frequently. This will cause the lily to produce a walnut-sized tuber that you can overwinter in moist sand. Keep it in a cool, dark spot in your house, preferably at around 55-60°F."

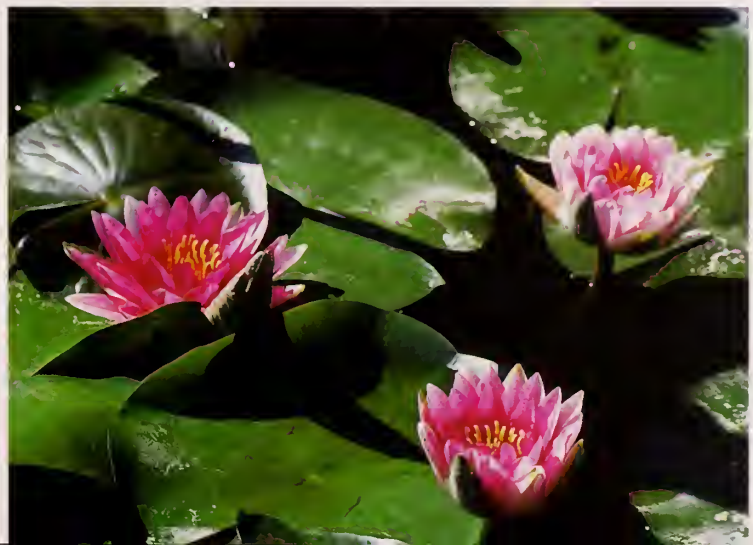
TERRIFIC TROPICALS

Tropicals are the heart of Longwood's waterlily collection. They come in both day- and night-blooming cultivars, each with its own special place in the pond. Day bloomers, for example, offer bold colors, including the only true blue in the genus. Night-blooming specimens are good for people who work outside the home and want to return each evening to a sumptuous display of color. They're also good for entertaining, since they bloom at a time when one typically has a dinner party.

Among the best day-bloomers at Longwood is **'Aquarius'**, which has a dazzling blue-purple glow. This is one of two waterlilies bred at Longwood by Patrick Nutt, who helped Longwood design the water garden in 1957. **'Judge Hitchcock'** is a popular blue-purple cultivar or, for a lighter violet shade, try **'Rhonda Kay'**. **'Panama Pacific'**, another favorite, is noted for its bright purple-violet color and ease of cultivation. It's both hardier than many tropicals and highly viviparous. And like many waterlilies, 'Panama Pacific' has a charming fragrance.

For night-blooming cultivars, Tim notes that "**'Missouri'** is a terrific lily. It's big and white, and glows like a lantern in the early





Above:
N. 'Jennifer Rebecca'
Left:
N. 'Attraction'

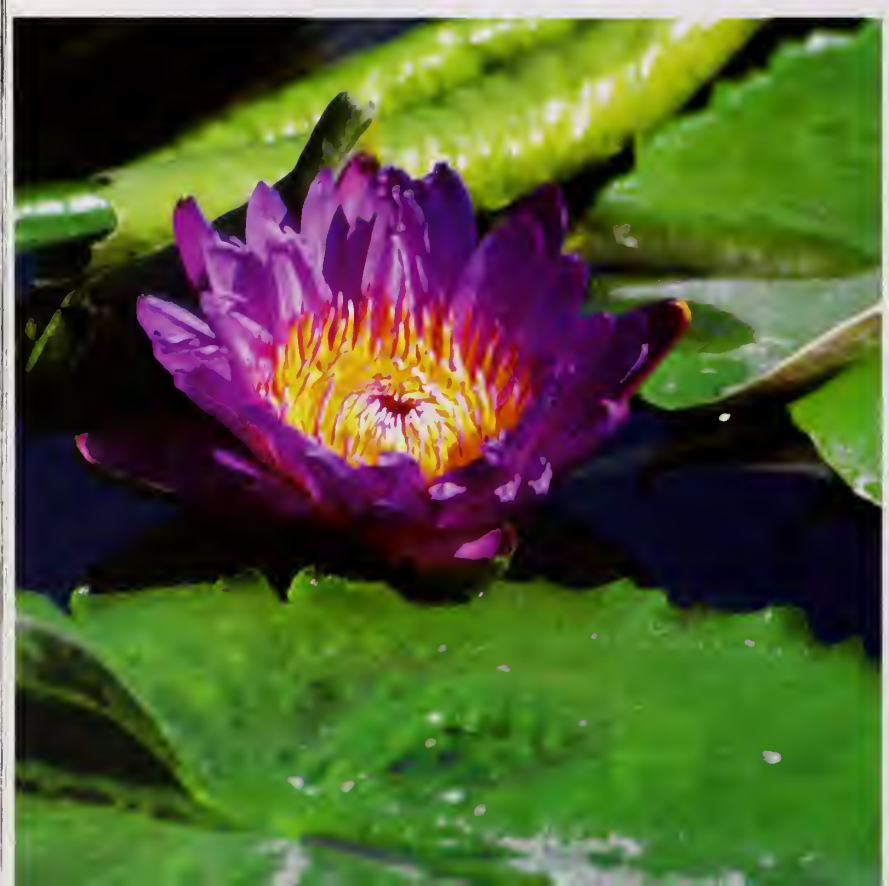


evening." Other night-blooming favorites include **'Antares'**, a Longwood hybrid with a bold red-purple hue. A cross between 'H. C. Haarstick' and 'Emily Grant Hutchings,' it gets its name from Antares, the red star at the heart of the constellation Scorpius. And for a deep, dark purple-red, don't miss **'Jennifer Rebecca'**, with its profuse blossoms and stunning color.

HEAVENLY HARDIES

Longwood also has many hardy waterlilies on display, which are attractive to the home water gardener because of their perennial nature and value for the money. Better still, Tim adds, "There are new hardy lilies coming out all the time, especially yellows, pinks and even doubles. There are no blue ones, but one asset is that some cultivars can take part sun, while tropicals need 4 to 6 hours of sunlight a day."

Among the top-performing hardies at Longwood are **'Hermine'** ("a nice white that works well in a small pool or container," says Tim) and **'Attraction'** ("a good red for medium to large ponds"). For more esoteric color, Tim also recommends **'Sioux'**, which has yellow-to-copper tones, and the peach-colored **'Colorado'**.



Above: *N.* 'Hermine'

Left: *N.* 'Judge Hitchcock'

MORE WATER WONDERS

In addition to its waterlilies, Longwood's **Victoria "giant water platters"** have gained worldwide fame. Named in honor of England's Queen Victoria, this tropical genus has two species, both of which hail from the waters of South America. Its leaves average 4 to 6 feet in diameter and can actually support the weight of a person weighing up to 120 pounds. A night-flowering genus, it has huge blossoms that open for two nights—the first night as a white female flower and the second as a pink male flower (so that the plant is unable to self pollinate).

Elsewhere in Longwood's water-garden collection you'll find a large variety of colorful **cannas**, black and green **taro** (*Colocasia* sp.), giant **lotus** (*Nelumbo* sp.), **papyrus** (*Cyperus papyrus*), and **powdered thalia** (*Thalia dealbata*), which has dusty purplish flowers. Indeed, the water gardens at Longwood are chock full of interesting plants and even fish—the ponds are teeming with tiny mosquito fish that eat any bug spawning there.

TIM'S TIPS

Overseeing Longwood's water gardens has given Tim Jennings an expert eye on what the pond enthusiast should—and *should not*—do in their own backyards. Often homeowners "don't build their ponds big enough," he says. They'll install a small pond and then realize too late that it holds only two waterlilies." He also says that water plants are not mysterious and often shouldn't be treated any different from their terrestrial counterparts. In his words, many of them are just "wet, slimy, smelly perennials."

Summing up, Tim offers one last design tip, "When selecting plants, make sure to add vertical highlights your garden, such as taller plants, which will offset the horizontal spread of waterlilies. It will make your pond seem much more dynamic. And these days, there are so many beautiful plants to choose from—new ones are released all the time. No question, this is a great time to be a water gardener."

To learn more about water gardening, visit the website of the International Water Garden Society. You can find them on the Internet at *www.iwgs.org*. You can also visit Longwood Gardens online at *www.longwoodgardens.com*

BEHIND THE SCENES AT LONGWOOD





Top: While wading in one of the pools, Tim Jennings takes a moment to answer visitors' questions. **Center:** Longwood student Piers Goldson placing plant labels on the waterlilies. **Bottom:** The boiler under Longwood's vast conservatory, part of which heats the tropical waterlily pools.



More Than a Pretty Picture

How Good Landscape Design Can Enhance the Quality of Urban Life

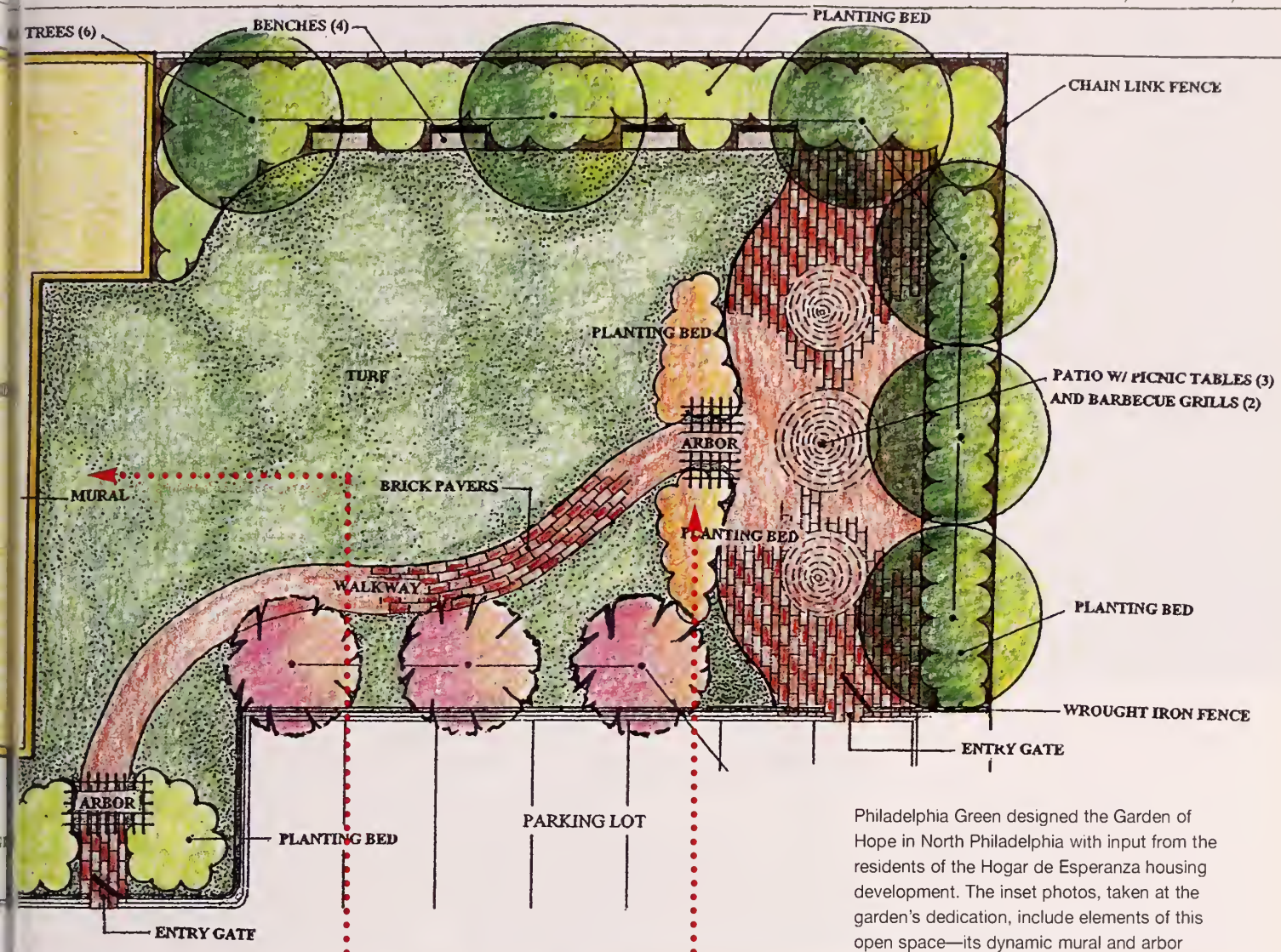


Story and photography by John Gannon

Philadelphia began as a bustling city filled with the echoes of rural, lush green spaces. Yet could our forefathers have foreseen the challenges that landscapes would face in today's urban environment? The fumes of cars, trucks, and buses...the hot microclimate of the concrete urban world...the problems of vandalism and land marred by debris and neglect. And so a question arises—how do you go about creating and caring for dynamic cityscapes? The answer is perplexingly simple: it all starts with sound design. Let's take a closer look at three examples of urban landscape design and see how they create more than a pretty picture.

GERMANTOWN AVENUE

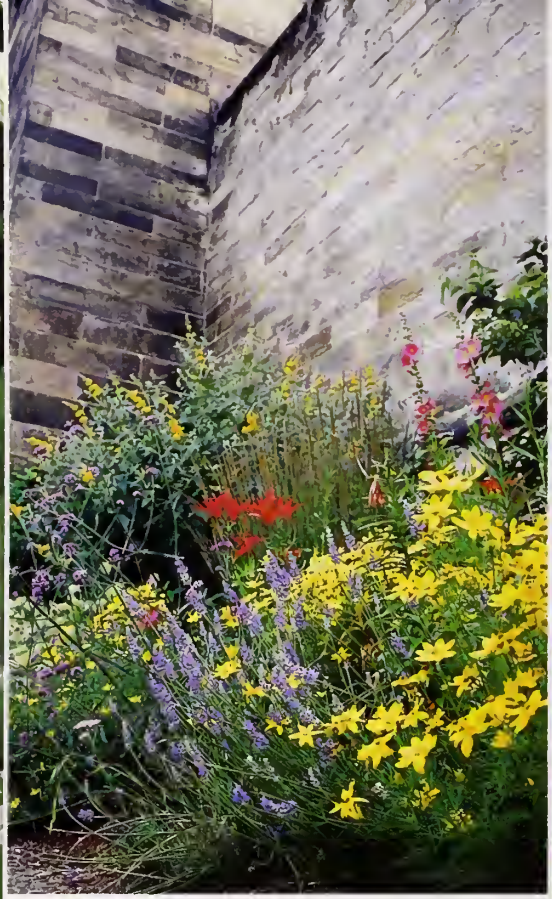
Illustration by Sharon Dendy



Philadelphia Green designed the Garden of Hope in North Philadelphia with input from the residents of the Hogar de Esperanza housing development. The inset photos, taken at the garden's dedication, include elements of this open space—its dynamic mural and arbor *(story on pages 33 & 34).*









Ira Beckoff



Above: Eastern State Penitentiary.

Right top & bottom: A 'clean & green" lot along Frankford Avenue in Philadelphia's New Kensington community.

"With the increasing number of green spaces in our neighborhood, people no longer feel threatened by their surroundings."

-Sandy Salzman



At Eastern State Penitentiary, Philadelphia Green oversees monthly workdays that draw from the Fairmount neighborhood.

DESIGN 101

Sometimes the most effective landscape design is the most basic. And sometimes the best landscape for a city space isn't the most awe-inspiring eye-candy in the horticultural world. In 1996, members of PHS's Philadelphia Green staff sat down with the New Kensington Community Development Corporation (CDC), whose neighborhood contains an astounding 1,100 vacant lots, many of them filled with illegally dumped trash and demolition debris from razed abandoned houses.

Their approach was simple: clear off the lots and amend the soil, then establish grass and line the perimeter with city-tough trees like red maple, honeylocust, and crabapple to discourage dumping and provide welcome visual relief. The goal was to immediately boost the "curb appeal" of the community, helping to attract new residents and business by replacing neglect with a simple form of "greening." This basic, interim landscape treatment meant not only that lots could be converted quickly into managed open space, but also that costs for their care would be kept to a minimum.

Even though these new green spaces aren't elaborate feats of cutting-edge design, their impact has been dramatic, resonating throughout the New Kensington neighborhood. In fact, the social benefits of these lots are just as important, if not more so, than their aesthetic appeal. "This effort has contributed to a good feeling about our neighborhood," says Sandy Salzman, executive director of the New Kensington CDC. "With the increasing number of clean and green spaces, people no longer feel threatened by their surroundings."

MAKING A CHERISHED SOCIAL SPACE

When creating a community open space, designers must consider the needs of the users. The Garden of Hope, for example, is an intimate shared space specifically

Your garden is your sanctuary...
come to Mostardi's
for distinctive plants,
expertise and inspiration.

MOSTARDI
NURSERY
4033 West Chester Pike (Route 3) Newtown Square, PA 19073
610.356.8035
www.mostardi.com

The Garden of Hope is a sanctuary, a simple yet elegant landscape that serves a social purpose.

designed for special-needs residents of the North Philadelphia housing development known as Hogar de Esperanza.

The garden is the result of a truly interactive partnership that engaged Hogar's residents, Philadelphia Green, and the Department of Recreation's Mural Arts Program. "When we met with the residents to explore what they wanted, they all agreed on an outdoor gathering place that could be used for social events and barbecues with their families," reflects Philadelphia Green project manager Carl Haefner.

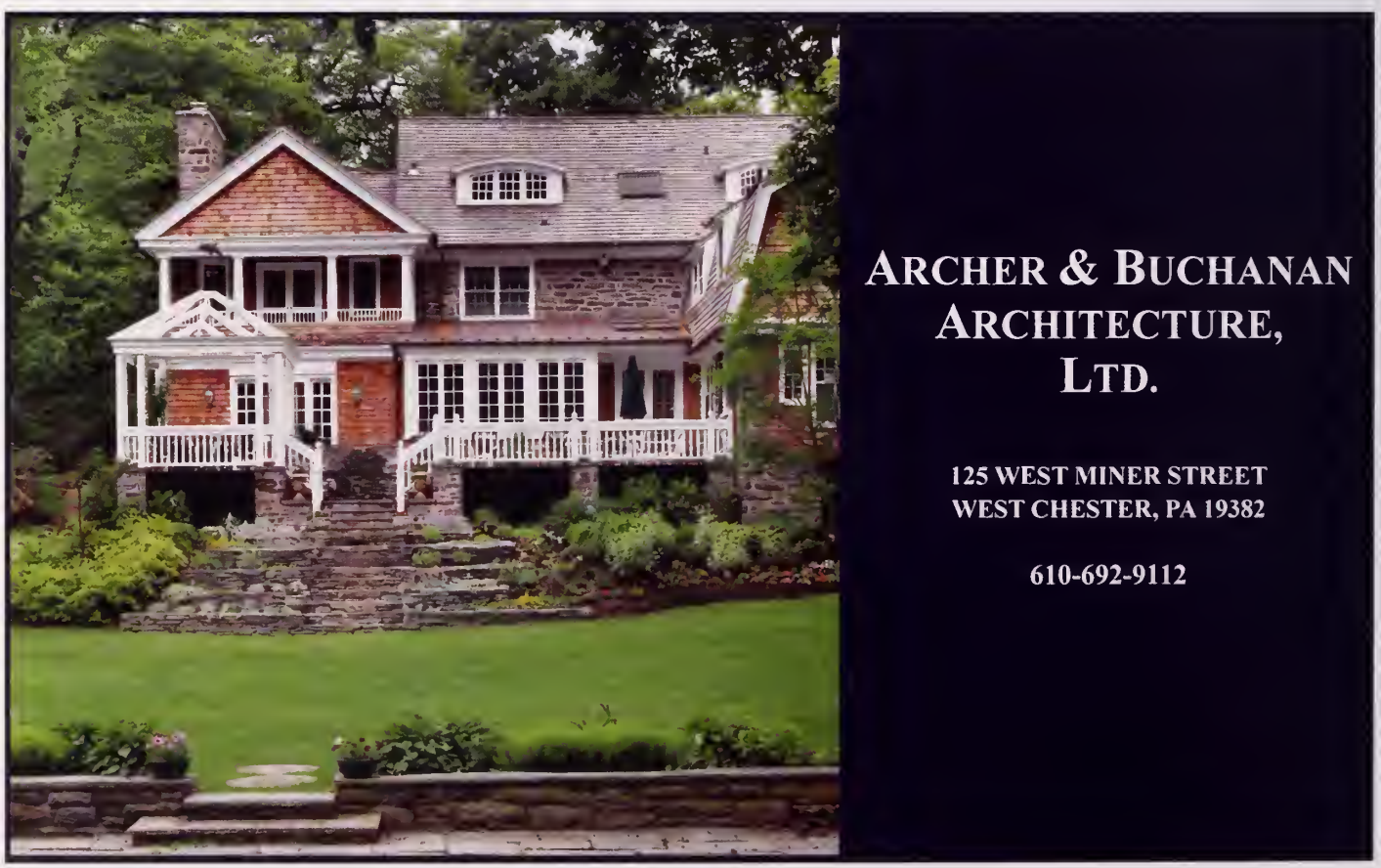
And so, with the residents' input, Philadelphia Green's design team created a sitting garden and passive recreation area, accented with plantings of grasses like *Miscanthus sinensis* 'Morning Light' and *Panicum virgatum* 'Hanse Herms', and perennials that include *Rudbeckia fulgida* var. *sullivantii* 'Goldsturm' and *Sedum* 'Autumn Joy'. The garden also includes vines, groundcovers, and new plantings of river birch and Okame cherry trees. The Elizabeth S. Hooper Foundation generously provided funding for the initial plantings.

A unique feature of the garden is a three-dimensional mural, incorporating sculpted concrete, mosaics and paint. It was born from a collaboration among the residents, visual artists Heather Fenton and Josh Sarantitis of the Mural Arts Program, and composer Tina Davidson. Through community workshops, residents helped develop the mural's images of hope: birds in flight, flowers, a ray of light. The mural also features poetry by the residents, which formed the basis for a song created by Davidson.

Formally dedicated with a vibrant celebration in May, the Garden of Hope is a sanctuary, a simple yet elegant landscape that serves a social purpose. It is also an inspiration for those seeking to create spaces that not only fulfill their needs, but also inspire people to dream.

PERENNIALS ON A PRISON BREAK

An urban landscape requires thoughtful planning so that it doesn't overwhelm its community caretakers. Historic Eastern State Penitentiary in Philadelphia's Fairmount neighborhood closed its cell doors for good in 1970. Since that time, this huge, imposing structure was untouched by anything even remotely horticultural until the late 1980s, when local



residents approached Philadelphia Green about adopting the neglected front terrace.

The initial design led to an abundant planting of yellow-flowering meadows filled with *Coreopsis verticillata* 'Moonbeam,' *Rudbeckia fulgida* 'Goldsturm' and goldenrod (*Solidago* sp.). Enthusiastic citizens from the neighborhood were happy to help out on monthly workdays, but after a couple of years a "minor" problem surfaced. "In the spring, when everything leafed out, it was really difficult to tell the difference between the weeds and the wildflowers," explains steadfast volunteer Dorene Martin.

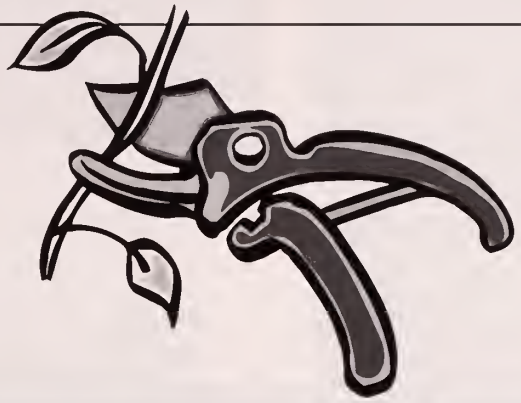
Alas, the weeds soon staged a revolt and took over.

Since it wasn't practical to mow the meadow annually or burn it (just imagine: "The prison is on fire!"), the meadow had to go. To compete with the immense scale of the penitentiary walls, Philadelphia Green and community residents planted extra tall ravenna grasses, shorter feather-reed grass, and shrubs like *Viburnum prunifolium* (blackhaw) and *V. opulus* (cranberry shrub). Rounding out the revamped landscape are colorful perennials like *Aster novae angliae* 'Alma Potschke' (New England aster) and the daylily *Hemerocallis* 'Dark Orange'.

The end result? A planting that is much easier to maintain and ripples with color, texture and seasonal interest. Others in the neighborhood have been inspired to tackle the other "sides" of Eastern State, now reclaimed as a much-needed park and haven for Fairmount's canine population.

BEYOND THE BEAUTY

These examples illustrate that there is more to good urban design than bringing beauty to a site. With community input and attention to ongoing care, a well-thought-out combination of plants and hardscape elements can turn neglected areas into places of hope. This is the power of good design—ideas that can help change behavior and improve the quality of life.



PRUNING PROBLEMS ?

Please visit my website for all your pruning questions at:

www.pruningmatters123.com

or fax your questions to me, Fran West at:

410-332-0270

I specialize in pruning shrubs and small trees.

CHANTICLEER

...a pleasure garden

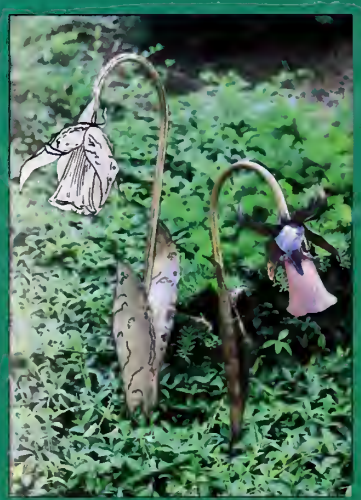


Open April through October
Wednesday – Saturday 10 to 5
Fridays until 8pm
during June, July and August

786 Church Road
Wayne, Pennsylvania 19087
610/687-4163
www.chanticleergarden.org

Old World Craftsmanship

New World Technology



Distinctive illumination for your garden.

Locally designed and crafted in Berks County, Pennsylvania.

Call for more information and our free catalog.

1-800-856-7948

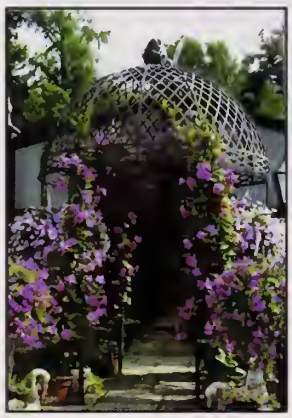
Escort Lighting

51 North Elm Street
Wernersville, PA 19565
Phone: 610-670-2517
Fax: 610-670-5170

A Visit to Meadowbrook Farm

WILL DELIGHT YOUR SENSES!

An inspirational place for your home and garden...ask our experts for ideas! We offer Superior quality and an unusual selection of:



- Annuals & hanging baskets
- Trees & shrubs including Gold Medal Plants
- Perennials, native plants & alpines
- Begonias, cactus & succulents
- Statuary, fountains & decorative pots
- Garden related gifts including bonsai, troughs & topiary
- We offer tours for horticultural groups April-October. Call for more information
- 10% discount to PHS members

Meadowbrook Farm

1633 Washington Lane • Meadowbrook, PA 19046 • (215) 887-5900

A Step of Faith



Choosing a new community is a big step. At PresbyHomes & Services, your step of faith will be matched by one of our own. Our residential living, assisted living and healthcare services are grounded in a faith-based commitment to provide the highest quality of care to older adults of all backgrounds and faiths. It's a commitment backed by a half-century of service.

Call today, and experience the Presby difference.

PresbyHomes & Services

A ministry to older adults by the Presbytery of Philadelphia

Rydal Park · Rosemont Presbyterian Village · Broomall Presbyterian Village
Spring Mill Presbyterian Village · Emily A. Markle Health Center · HUD Communities

Tollfree: 1.877.9PRESBY www.presbyhomes.org

SAVORING HERBS

Flowers of the Air

"I meant to do my work today,
but a brown bird sang in the apple tree,
And a butterfly flitted across the field...."
-Richard LeGallienne

By the time August rolls around, I don't need many excuses to relax in my herb garden, listening to the hum of busy bees or the bright songs of birds as I sip some iced herbal tea—it's my reward for all that hurried work in the spring. By far, the most soothing part of the summer garden is watching the butterflies' annual show.

The first step in luring these enchanting creatures into your garden is to introduce the right plants; fortunately, quite a few herbs attract butterflies. Use nectar-rich plants with tubular or single flowers, as all the insects flitting around require a lot of energy. Butterflies, like most insects, are nearsighted, so you should plant herbs in groups instead of singles. Among the herbs that attract butterflies are bee balm, garlic, chives, anise, hyssop, lavender, mint, oregano, pineapple sage, mealy cup sage, and thyme.

On the downside, you can't have butterflies without having caterpillars. Adult butterflies consume mostly nectar and some pollen, but butterfly larvae eat plant parts. In Eric Grissell's book *Insects and Gardens*, the author notes that while "adult butterflies may drop by for a sociable visit, their children want to stay awhile and bust up the place if there's anything good to eat." Butterfly larvae are a show unto themselves, as colorful and varied as the butterflies they become. To feed these hungry critters, try growing borage, dill, fennel, mint, and parsley.

The presence of butterflies is one measure of a healthy environment. Insect and bird populations are greatly diminished by garden chemicals that contaminate soil and plants. A few chewed-up plants is a small price to pay to have these "flowers of the air" inhabit our gardens. Use non-toxic alternatives to traditional garden chemicals.

Butterflies also need a constant source of water. A nearby pond, shallow stream, or a birdbath will do nicely. Butterflies also love mud puddles—several species will congregate at small rain pools and form puddle clubs. A few large, flat rocks placed around the garden will provide a heat source to warm their wings in the cool mornings and evenings so they'll be able to fly.

Butterflies, like humans, like places to rest, get out of the weather, hide from predators, and get shade during the worst heat waves. Nearby shrubs and trees work well, as do natural and constructed brush piles.

So sit back, relax, and enjoy the show.



Alexandra Basinski

Agastache is one of many excellent "butterfly magnets."

RESOURCES

Books

Insects and Gardens by Eric Grissell (Timber Press, 2001)
Butterfly Gardening by the Xerces Society and the Smithsonian Institution (Sierra Club Books, 1998)

Web

Electronic Resources on Lepidoptera
www.chebucto.ns.ca/Environment/NHR/lepidoptera.html
Butterflies of North America
www.npwrc.usgs.gov/resource/distr/lepid/bflyusa/bflyusa.htm
The Butterfly WebSite
http://butterflywebsite.com/



By Alexandra Basinski

C.S. Heal
FARM MARKET

- Growers of Premier Garden Plants including Annuals, Perennials, Proven Winners & Garden Dahlias.
- Propagators of Zonal Geraniums.
- New Guinea Impatiens
- Hanging Baskets
- Growers of Holiday & Garden Plants
- Combination Garden Baskets

Charles S Heal Jr. & Eric Heal

visit us on the web @
www.cshealmarket.com

1607 SALEM RD.
BURLINGTON TWP. NJ
(609)386-9422 Fax: (609)386-9635
OPEN DAILY!
Mon.–Fri. 9–5:30, Sat. & Sun. 9–5

Special Moments

Experience the community of Dunwoody Village



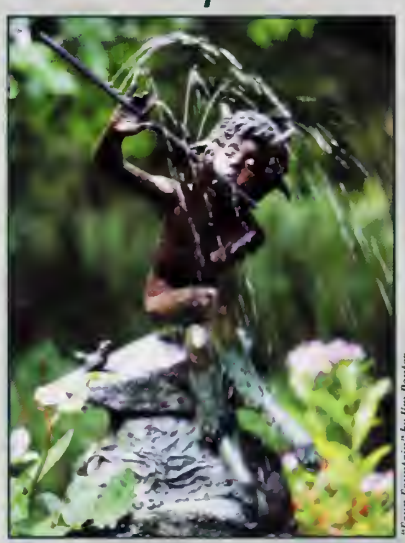
When you reside at Dunwoody Village, there's a special feeling you get. It starts the minute you enter the grounds and follows you wherever you go – whether you're strolling through the gardens, grabbing a quick bite in the Village Coffee Shop, or even enjoying a visit to the zoo in nearby Philadelphia. It's the feeling of friendship, caring and above all, community, and it shines in all aspects of Village life, every day of the year.

Assisted Living Accommodations Available Immediately!

CALL 1-800-DUNWOODY
or visit us at www.dunwoody.org

DUNWOODY VILLAGE
The Retirement Community for people who enjoy living
3500 WEST CHESTER PIKE
NEWTOWN SQUARE, PA 19073-4168

Searching for the Exceptional?



"Faun Fountain" by Jim Ponter

Elizabeth Schumacher's
Garden Accents
BEST of PHILLY
1996 • 1998 • 2000

4 Union Hill Road
West Conshohocken, PA 19428
610 . 825 . 5525
www.garden-accent.com
Hours: Tuesday - Saturday
10:00 - 5:00 pm

THUJA X 'GREEN GIANT'

Replacement Tree for New England's Dying Hemlocks






- New US National Arboretum plant
- Pennsylvania Gold Medal Plant Award 1998
- Tough, Fragrant, Tall, Narrow Pyramidal Evergreen
- Deer, Bagworm & Disease Resistant
- Fast Growing, 3' - 5'/Year
- Zone 5-8
- Excellent Alternative To Leyland Cypress
- We Ship All Year

The above pictures were taken at the US National Arboretum in Washington D.C. in August of 2001. When planted in the fall of 1998, they were 3 feet tall and planted on 6 1/2 foot centers. They grew 3 feet the first year (1999), and are now 10 to 12 feet tall. It can be trimmed to any height or width to create the ultimate natural or formal hedge.

"The Thuja Green Giants are the toughest, disease, insect, deer and ice resistant evergreen I have ever used. I am 6' tall with a 6' arm span, so you can see the height to width ratio of these trees."
- Mike Shade

www.botanyshop.com
Many pictures on our web site!
Plants 7in. - 2ft. tall, $3.00 to $20.00 each
Botany Shop - Joplin, Missouri
PHONE: (888) 855-3300

Valley Forge American Elm

- The Most D.E.D (Dutch Elm Disease) Resistant American Elm Ever Tested
- New U.S.D.A Release
- No Secrets or Patents
- Anyone Can Easily Propagate, Grow or Resell this Great American Tree
- We Give a 15 Year D.E.D. Guarantee



www.botanyshop.com

ORGANIC MATTERS

An Imperfect Eye



Rob Cardillo

Garden photography, like so much other photography, is the selective use of viewpoint and chicanery to produce an image that approximates perfection. When assigned to shoot a garden for a magazine, I most often walk into an above-average home landscape that needs primping and propping to bring out its finer features. Sometimes I work with a stylist whose job is to replant bare spots, move or add furniture or statuary, deadhead and prune the flowers and shrubs, and sweep the sidewalks and patio before setting the table with linens and tea cups. On occasion, we've even taken to pinching blooms and relocating them in tiny bud vases hidden by foliage. Then with the right lens, a dramatic perspective, flattering light and super-saturated film, I can make that garden look like a calendar pinup that an editor will adore.

The final image is a lovely artifice that can inspire readers but at the same time give them unrealistic expectations of what they can achieve. No garden, not even Longwood (which comes real close in my book), is as perfect as a great photograph. Gardeners continually face weeds, pests, disease and unyielding boulders, and we're pushed to respond with heroic weekends of shoving and pulling, strong and dangerous chemicals, or new and improved plants. We sometimes succeed for a short period but our gardens are never entirely under our control. They twist and squirm like kittens getting their claws trimmed and then make a run towards entropy when we turn our backs.

Maybe it's time for a new aesthetic. In Japan, there's an ancient approach to art and life known as *wabi-sabi*, where the imperfect, impermanent and incomplete aspects of our lives are considered virtues rather than wrestling partners. It's a deep view that celebrates the cycle of decay, the profundity of the minute and transient, and authenticity above all. As with so much of Eastern thought, it's a difficult concept to pin down but you can certainly see its influence in the gnarled and bark-stripped branches of bonsai or the uneven and fissured glazes of Raku pottery.

To me, *wabi-sabi* is also the heart and soul of organic gardening. And the more I remind myself that I'll never have the perfect and complete garden, the more time and enjoyment I get from the plants that surround me. I now pause and admire the botanical nuances of weeds before giving them the yank and I linger over the dried and withered blossoms of spent annuals. I'm slowly learning to reinterpret the irregular, frayed and eroded parts of my landscape as either rustic or quaint.

I've also stopped fretting over my two old Peco-pruned and cement-filled maples out front. I've been told by the pros to take them down, but they seem to find enough energy each spring to push out new leaves from their split and disfigured trunks and then fill my front windows with a buttery light each fall. And every year, I'll plant my dear departed Uncle Harvey's paste tomatoes. Even though they're prone to growth cracks and green shoulders, the sauce they make is richly sweet and full of memories.

I'm also trying to be more realistic as to how much yard waste I can actually shred and compost. Instead, I now leave a big brush pile to winter over by the back fence. It's really not that unattractive, especially when it tans and settles. And I've given up trying to grow asparagus in a yard full of rabbits and now watch them dash about. Perhaps it's a sign of maturity, too, but I plan to stop banging my head on doors that won't open and just admire the door knockers for a while.

And when I want a little perfection, I can always take out my camera.

Writer-photographer Rob Cardillo has written for *Organic Gardening*, *Country Living Garden*, and *Better Homes and Gardens*.



By Rob Cardillo

BEGUILING BULBS

Choice Bulbs for Early Fall Display

If I could only have two kinds of early fall-blooming bulbs in the garden, I most surely would select *Colchicum speciosum* 'Album' and any *Sternbergia* I could find. Clumps of smooth pristine blooms are most welcome when the rest of the garden is coming to the end of a long season and beginning to look a bit tired.

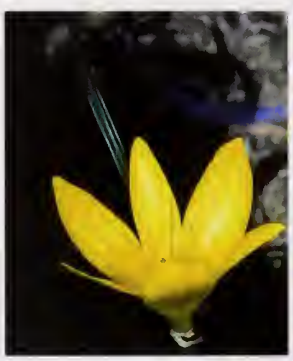
In *A Handbook of Crocus and Colchicum for Gardeners*, E. A. Bowles refers to C. speciosum 'Album' as "one of the most beautiful of hardy bulbous plants" with "snow-white goblets of good form, equal to that of a Tulip standing on soft emerald green tubes." In *Hardy Garden Bulbs*, Gertrude Wister singles out this species as "choice." Flowers appear before the foliage emerges, and, if dug and divided every few years, the corms will multiply rapidly and remain large, producing enormous flowers.

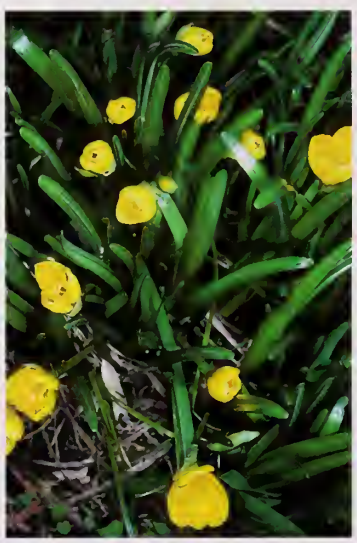
Even a small clump can bring much pleasure. In damp weather, the large green foliage that follows the blooms is unfortunately a magnet for slugs, so appropriate measures should be taken to combat these pests. Various "white" fall-blooming crocus appear dingy and quite undersized when compared to *C. speciosum* 'Album'. *Colchicum speciosum album* should not be confused with *Crocus speciosus albus* which is much more readily available, but less desirable.

I have grown several different sternbergias over the years and purchased the first bulbs quite by mistake. One July more than 30 years ago, I was in the Nikotinsky Botanic Garden near Yalta in the Crimea and wandered into a shop where bulbs were sold. I could not resist purchasing the last three small "black daffodil" bulbs that remained in the bin. The Cyrillic writing on the sign offered no clue as to the identity of the bulbs. It was not until the next fall that I realized what I had acquired. Over the years, I have had masses of *Sternbergia lutea* in the garden with plenty to share with family and friends. Since all species of *Sternbergia* require a warm locale for ripening the bulbs in summer, a sunny Delaware Valley garden provides an ideal situation.

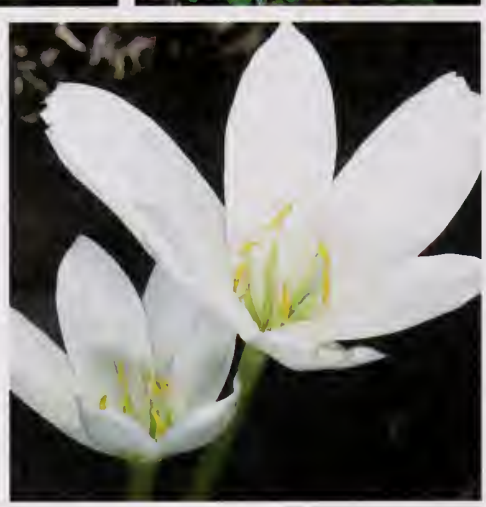
My favorite sternbergia is *S. clusiana*, which blooms with large lemony goblets tinged with green before sending up foliage. Sad to report, my first planting only appeared occasionally, lying dormant for years in between and now seems to have disappeared entirely. Far easier and more reliable are *S. lutea* and *S. sicula.* In my garden, the blooms of lutea are a little earlier, larger and more rounded than those of *sicula.* Both appear with foliage in early fall and last for about two weeks giving the appearance of golden crocus. The small green leaves, which persist throughout the winter, are soon lost beneath emerging bulb foliage in the spring.

Left: *Sternbergia sicula*
Right: *Sternbergia lutea*
Bottom: *Colchicum speciosum* 'Album'





Kathy Andersen





By Kathryn Andersen

RESOURCES

Odyssey Bulbs (for *Colchicum*)
8984 Meadow Lane, Berrien Springs, Michigan 49103
toll free (877) 220-1651 [security code 4642]
email: *odysseybulbs@earthlink.net*

Brent & Becky's Bulbs (for *Sternbergia*)
7463 Heath Trail, Gloucester, Virginia 23061
toll free (877) 661-2852, *www.brentandbeckysbulbs.com*



LANDSCAPE & DESIGN SERVICES
Design • Installation • Maintenance • Residential • Commercial
Registered Landscape Architects & Designers
914 Baltimore Pike, Concordville, PA 19331
610.459.2400 • www.styers.com



PRIMEX
GARDEN CENTER
435 W. Glenside Avenue Glenside, PA 19038 215 887 7500

Bringing you the best in personal service and knowledge for over 59 years. Gardening enthusiasts and landscape professionals throughout the area have come to depend on Primex for an outstanding selection of horticultural products. Come find out why!

August 1 - September 1
Monday - Friday 8:00-5:30
Saturday 8:00-4:00
Closed Sunday
Closed Labor Day

September Hours
Monday - Friday 8:00-5:30
Saturday 8:00-5:00
Sunday 10:00-4:00

Classifieds

ANTIQUE BOOKS

RARE & PREVIOUSLY OWNED BOOKS ON HORTICULTURE & BOTANICAL PRINTS - Bought and Sold
Polly Goldstein
37 Lochwood Ln.
West Chester, PA 19380
(610) 436-9796
E-mail: *GrannyPol@aol.com*

GARDEN SHOPS

MARANO GARDENS, LLC
(formerly Fort Washington Garden Mart)
A family owned garden center serving area since 1960, offering an extensive selection of plants and containers. Beautiful hanging baskets, mixed garden containers.
Dwarf conifers and alpine troughs.
Culinary and medicinal herbs.
Cutting edge annuals, tropicals and perennials, including the **Beds & Borders** line.
Ornamental trees and shrubs, emphasizing native varieties and PHS Gold Medal winners.
MARANO GARDENS, LLC
488 Bethlehem Pike
Ft. Washington, PA 19034
215-646-3336
Minutes north of Chestnut Hill, or 4 miles from the Blue Route.

BONSELL'S NURSERY
Growers of high quality trees, shrubs, and perennials.
• Large Selection.
• Reasonable Prices.
• PHS Gold Medal Plants.
Trees for small yards. Including Forest Pansy Redbud, Paperbark Maple, Golden Larch, Sourwood, and many more.
Conveniently located near 309 & the PA turnpike.
Open Mon-Sat 9-5.
1245 Fort Washington Ave.
Fort Washington, PA
215-643-2418

GARDEN STRUCTURES

HANDCRAFTED IRON GARDEN STRUCTURES
Arbors, Trellises, & Gates
in the tradition of elegance, beauty and permanence.
Full Color Catalog $5
The Painted Garden, Inc.
304 Edge Hill Road
Glenside, PA 19038
(215) 884-7378

HERITAGE STONE & MARBLE
We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.
FLAGSTONE, BRICK-patios and walkways, COBBLESTONE-edging and paving, STONE walls, RETAINING walls, MARBLE, GRANITE-floors, walls, countertops.
(215) 699-5611 **Upper Gwynedd, Pa.**

GREENHOUSE CONSTRUCTION
Sales and Service
Janco, Lord & Burnham and more.
Call Robert J. LaRouche at
Glass Enclosures Unlimited
(610) 687-2444

THE SUNWORKS CORPORATION
• Greenhouse Sales: Residential, Commercial and Institutional.
• Installations: Of greenhouses from any manufacturer, shading and ventilation systems.
• Maintenance: Reglazing, reskinning, painting, cleaning. Emergency repairs.
Call **(302) 655-5772**, ask for John Klein

GARLIC

Grow your own Garlic! Organic planting stock, growing tips, and prepared garlic foods. Secure online ordering at www.TheGarlicStore.com.

SPECIMEN HOLLIES

DELICIOUS HORTICULTURAL FRUITS SUSTAINABLY AND ORGANICALLY GROWN
PICKED + PICK YOUR OWN
Apples - Raspberries - Blueberries - Blackberries
Peaches - Pears - Grapes
Indian Orchards, Media PA
610-565-8387

LANDSCAPE DESIGN

S. Edgar David and Associates
Landscape Architects
Site Planning and Garden Design

Winners of the ASLA Pa/Del Chapter 2001 and 2002 Honor Awards

Transforming the landscape with innovative solutions

Member ASLA
Registered Landscape Architects

Design Studio **610-584-5941**

Burke Brothers
Landscape Contractors, Inc.
A PROFESSIONAL DESIGN/BUILD FIRM
Experts in Landscape Renovation, Naturalistic and Classic Formal Gardens. Landscape Construction, Unique Patios, Terraces, Creative Stone Work, and Landscape Lighting. Major Award Winning Exhibitor
Philadelphia Flower Show.
215-887-1773
www.burkebrothers.com

LINDA CORSON
LANDSCAPE DESIGN

• Consulting
• Plans
• Supervision

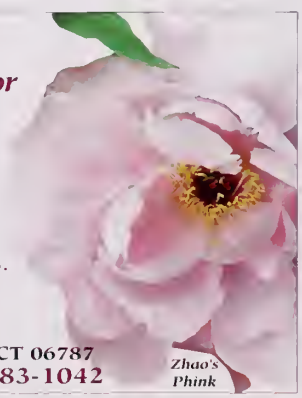
Registered Landscape Architect
Member ASLA **215-247-5619**

Chinese Tree Peonies

Plant These Antique Flowers This Fall for Spring Splendor!

See them in bloom and understand why gardeners through the centuries have loved them. Our 45 min. video, *A Stroll Through Peony Heaven*, is a personal tour of our garden in bloom with a history of the tree peony and plant care from spring to fall. $29.99 postpaid. Visit our website or write for our **catalog -$3.**

Order now for to reserve for Fall planting!



Cricket Hill Garden
670 Walnut Hill Road, Dept. GS, Thomaston, CT 06787
Shop online: www.treepeony.com • tel. 860-283-1042

CLASSIFIED RATES

Base Rate**$3.00** per word (without formatting)

Formatted Words**$5.00** (ex. **Bold**, *Italic or ALL CAPS*)

Minimum Charge**$60.00**

Discount.....**10%** off the second consecutive ad, using the same copy

Deadlines

February Issue *(by December 1)*
April Issue *(by February 1)*
June Issue *(by April 1)*
August Issue *(by June 1)*
October Issue *(by August 1)*
December Issue *(by October 1)*

Please note: *Green Scene* does not guarantee advertisement position, and we reserve the right to edit copy to fit available space. *Green Scene* ads are scheduled on a first come, first serve basis until space is filled for a particular issue.

Please calculate your ad cost based on number and formatting of words, and enclose a check along with your copy (call for assistance). *Green Scene* will bill any difference or credit upon publication of your advertisement. If your new ad arrives very close to deadline, we may deposit your check until ad is scheduled. If we can't schedule your ad, your check will be returned. **Make checks payable to the Pennsylvania Horticultural Society.**

Send all advertising correspondence to: Laurie Fitzpatrick, *Green Scene*, The Pennsylvania Horticultural Society, 100 N. 20th Street, 5th Floor, Philadelphia, PA 19103-1495. If you have any questions, please call (215) 988-8769.

Environmental Landscape Associates, Inc.
• Landscape Architects & Contractors
• Formal/Period/Naturalistic Gardens
• Creating outdoor living spaces of distinction
• Master Plans/Phased projects
• Let us make your desires become reality
P.O. Box 2191 Doylestown, PA 18901
Toll Free: 1-800-ELA-9252

David Brothers Landscape Services
Bean Road Nursery
Architects, Builders and Nurserymen
Providing the Fine Art of Garden
Construction and Landscape Restoration
(215) 247-2992 (610) 584-1550 (610) 525-3232

DONALD PELL GARDEN SERVICES
Creating & maintaining gardens with expert horticultural craftsmanship.
View our portfolio of landscape designs online at www.donaldpell.com or call 610-917-1385 for a brochure and consultation.

LANDSCAPE MAINTENANCE

ANDREW C. BECK
LANDSCAPE MAINTENANCE

A Dependable Source for All Your Landscape Needs.

Serving CHESTNUT HILL & MONTGOMERY COUNTY

- Lawn Mowing
- Garden Care, Mulching, Planting
- Tree & Shrub Pruning
- Organic Fertilization & Aeration
- Spring & Fall Clean up
- Property Management

Insured References
215-233-9401

LECTURE SERIES

Garden Lecture Series at the Radnor Hotel
Second Wednesday of each month from 6 to 8 PM. Price: $15.00, includes wines and hors d'oeuvres. For reservations call: 610-341-3192.

August 14: Butterflies in the Garden, Meg Barrett - Tyler Arboretum
September 11, Organic Gardening, Craig Strimel
October 9, Hedgleigh Spring: 100 Years in a Family Garden, Charles Cresson
November 13, Crossing the Herbaceous Border, Chris Woods - Chanticleer
December 11, Christmas Decorations, Jean Stahl

For more information: www.radnorhotel.com

MULCH

PINE NEEDLE MULCH
Wonít change soil pH
Wholesale and retail
FLOWERS BY THE YARD
610-701-9283
renee52@erols.com

RESTORATION

REED'S WOODS, INC.
QUALITY WORK AT A FAIR PRICE
Custom Builder
Restorations, Remodeling
Greenhouses
Springhouse Restorations
Decks, Carpentry & Landscape Structures
Jamie Reed
2125 Bodine Road
Malvern, PA 19355
(610) 827-9663

TREE SERVICE

TREE TRANSFERS, INC.
Large Tree Transplanting and Sales
Machine and Specialized Hand Digging
Dealers and Locators of Large Horticultural Specimens
Mature Screening and Shade Trees
Assessing and Renovating Mature Collection and Estate Gardens
Plant Material Purchased
(215) 635-2310

Tree Transplanting & Sales
• Machine & hand digging
• Supply & install specimen plants
• Locate/Purchase mature trees
• Why Wait for mother nature?
Environmental Landscape Associates, Inc.
P.O. Box 2191 Doylestown, PA 18901
Toll Free: 1-800-ELA-9252

UNUSUAL SPECIMENS

HOSTA
Over 100 varieties
Assorted perennials,
Ferns, shade plants.

Michael's Country Nursery
165 Tuckertown Road
Medford, NJ
856-983-6512

RARE & UNUSUAL PLANTS
• Specimen plants • Pond plants • Bonsai
• Orchids • Hardy cacti • Tropicals
• Sculptured trees and shrubs • Perennials
• Unique Flower and gift shop.
MUTSCHLERS' FLORIST & RARE PLANTS
1-800-242-9438
www.mutschlers.com

Cooling Off

Conjuring a Restful Haven in Your Garden

By Ronny F. Kosempel



The temperature outside was 93°F in the shade. The flowers were drooping and the shrubs were wilting before my eyes. My body ached to be in the cool air-conditioned house, but I knew I had garden chores to finish, so I slogged onward. And this was April.

Naturally my mind swirled with ideas. I would transform my yard into a cool, sheltering haven against the blazing summer sun. My first thought was to have it domed over and air-conditioned, but that was the heat talking. I set out to research low-cost, easy ways to transform any yard into a welcoming oasis.

My second idea was to find some shade and make the most of it. Shade is scarce in our yard because my family does not like to rake leaves. Shade trees are natural air conditioners, giving off moisture and oxygen and filtering pollutants from the air.

If you are fortunate enough to have a shade tree, thank your lucky stars. Put some comfortable seats or a hammock underneath to catch those summer breezes, and surround the tree with potted plants in soothing colors. If you don't have a tree, consider planting one. Although it may be a few years before it grows large enough to provide shade, you and the future owners of your home will benefit from its cooling effects for a long time to come.

No room for a tree? Don't despair. Build an arbor and plant quick-growing vines such as wisteria, hops (a key ingredient in beer and ale), grapevine, or silver fleece vine, which will climb over the arbor to create a shady retreat below. Picture yourself entertaining friends and sipping iced tea beneath the gently rustling leaves. This is number one on my list.

Water features are another cool idea, but an Olympic-sized swimming pool was definitely out of the question for our yard. The sound of trickling water soothes the spirit and invites birds and butterflies to your garden—it also helps mask the sound of passing cars and other noises. Many garden centers and pet-supply stores carry easy-to-install, pre-formed pond liners in various sizes, along with pumps to re-circulate the water. I have an aboveground fountain with a wooden barrel, liner, and pump. It's a little small for me to sit in and cool off (not that I've actually *tried*, mind you), but I appreciate its tinkling sound nonetheless. Whatever you decide, have a professional electrician check your set-up for safety.

As for plants for your oasis, choose cool shades of blue, white, silver, and purple, avoiding the "hot" colors of red, yellow and orange. Drought-resistant plants like artemesia and yucca will stand up to the heat, and ornamental grasses will sway in the smallest breeze. And don't forget the mulch so you won't have to weed in the sweltering heat—much better to sit and sip mint juleps under your new arbor.

You could also try some "aromatherapy" for the hot-weather blues. Fragrant herbs such as lemon balm, lavender, mint, and rosemary provide a natural lift to your spirits each time you brush against them. On hot days I like to keep a sprig of mint in my pocket and occasionally inhale the crisp aroma. My neighbors wonder what it is I'm sniffing all the time, and why I am always smiling as I go about my chores, but so far, no one has called the cops.

Now all that is left is to grab a good book and a cool drink—be it a chilled herbal tea or a soothing mint julep—and go enjoy a cool, breezy piece of heaven. *Ahhhh.* I think I feel a nap coming on, too.

Your Trees Deserve the Best of Care!



ll Phases of Tree Care: Residential and Commercial

Maintenance Pruning • Prescription Fertilization
Plant Health Care Programs • Insect & Disease Management
Tree Support Systems • Lightning Protection

For a FREE consultation call **1-877-BARTLETT** (227-8538)
or contact your local office:

Bala Cynwyd, PA	(610) 664-3200
Cherry Hill, NJ	(856) 662-3767
Dublin, PA	(215) 249-1819
Exton, PA	(610) 594-4740
Wilmington, DE	(302) 995-7562

BARTLETT®

BARTLETT TREE EXPERTS

Scientific Tree Care Since 1907

www.bartlett.com



Proprietary Research

Unparalleled Investment Experience

Personalized Service

Networking Opportunities

Estate Planning

We understand that while all investors may share the same basic goal, how you achieve your goal differs. Our low client-to-advisor ratio ensures you get the care, time and attention to detail you expect. Plus, our Women's Financial Services Network offers seminars to help you make better-informed decisions. All of which helps you reach the most important goal of all. Your future. For more information, call **215-585-5438**, or visit **www.pncadvisors.com**.

PNC ADVISORS

The Thinking Behind The Money.

©2000 The PNC Financial Services Group, Inc. PNC Advisors is a service mark of The PNC Financial Services Group, Inc., for investment management, banking and fiduciary services.

GREEN scene

THE PENNSYLVANIA HORTICULTURAL SOCIETY OCTOBER 2002 • $5.00



2003 GOLD MEDAL PLANTS

- Dutch Tulips
- Tree Tenders in Philadelphia

Cathedral Village

23 Years of Achievement

And Still Growing!

New and Innovative changes are taking place at Cathedral Village to accommodate the growth of our community and the educational and cultural interests of our residents.

Townhouses... Construction of another sixteen beautifully-appointed, single-story Townhouses featuring a spacious two-bedroom/two-bath design... an enclosed sunroom, skylights... and many other amenities for your enjoyment.

Atrium Dining Room... An additional distinctive Dining Room overlooking our beautiful grounds and adjacent to the Fireside Cafe´ which will allow sixty more residents and guests to enjoy Chef Lachman's wonderful meals.

Village College Classrooms... Four additional Classrooms to accommodate our growing Village College... where the diverse faculty, residents who are educators and business leaders, etc. ... and the students, residents who love the challenge of learning... pursue education in an environment where there are no tests to take or to grade.

An Art Studio... A completely unique Studio with plenty of artist-preferred natural light... designed for professional artists as well as for those just starting in the Village College art classes... *plus* a separate Ceramics Studio!

More Value Than Ever Before... in our community that continues to set standards for innovative leadership and for providing the highest level of care and services possible.

Visit us Monday through Friday between 9 a.m. and 4 p.m.
Appointments are encouraged for weekdays and are necessary on weekends.

Cathedral Village

A Nonprofit, Nondenominational CCRC

600 East Cathedral Road, Philadelphia, Pennsylvania 19128
(215) 984-8622 Website: www.cathedralvillage.com

Equal Housing Opportunity

Certified Member The World's Finest Retirement Resorts

Affiliated with the Jefferson Health System

Contents

FEATURES

10 Where Do Tulips Come From?
Join Eva Monheim for a behind-the-scenes look at tulip production in the Netherlands. From planting to harvesting to grading and shipping, we'll see all the hard work that goes into growing these timeless heralds of spring.



18 2003 Gold Medal Plant Awards!
Want to learn about great trees, shrubs and vines for your property? Here, Barry Yinger announces the latest winners of the Pennsylvania Horticultural Society's Gold Medal Plant Awards. Geared for gardens in the mid-Atlantic region, these plants are sure to be winners on your property.

24 An "Herbal" History
What were garden books like 200 years ago? In this story, Olivia Lehman talks to renowned heirloom-plant grower William Woys Weaver, who has recently translated a Revolutionary War-era herbal written in German by a Chester County plantsman. It's fascinating garden lore for all.

32 A Tree Grows in Philadelphia
Without trees, the city would be a barren landscape of concrete and asphalt. But through PHS's "Tree Tenders" program, city residents are trained to care for trees in their own neighborhoods. In this article, Jane Carroll reveals how this program is helping transform the city into a greener, more pleasing landscape, as well as how trees help bring people together.

COLUMNS

38 Designing for Small Spaces: *Gardening Behind a Rowhome*
by Jeff Jabco

41 Gardening Indoors: *Fragrant Houseplants*
by Ilene Sternberg

42 Shrubs in the Home Landscape: *Fall Color*
by Bill Thomas

44 Classified Ads

46 Backyard: *Dreading Deer*
by Patricia Taylor

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

Cover photos by Erv Evans, Rob Cardillo & Barry Yinger

♻ PRINTED ON RECYCLED PAPER

GREEN SCENE

Editor
Pete Prown

Associate Editor
Jane Carroll

Publications Assistant
Laurie Fitzpatrick

Art Design
Baxendells' Graphic

Publications Committee
Stephanie Cohen
Alan Detrick
Linda Detrick
Beverly Fitts
Anne Kellett, *ex officio*
Adam Levine
Jennifer Lin
Marby Sparkman
Bill Stieg
L. Wilbur Zimmerman

Printer
ALCOM Printing Group, Inc.

THE PENNSYLVANIA HORTICULTURAL SOCIETY

100 N. 20th St.
Philadelphia, PA 19103-1495
(215) 988-8800

Chair
Anne Kellett

President
Jane G. Pepper

Executive Vice President
J. Blaine Bonham, Jr.

PHS Membership Information
Linda Davis, (215) 988-8776

Display Ads
Kim Richards at Manzo Communications, (610) 527-7047 *kim4manzocomm@aol.com*

Classified Ads
Laurie Fitzpatrick, (215) 988-8769
lfitzpat@pennhort.org

Ask A Gardener Phone Line
(215) 988-8777, Monday through Friday, 9:30 to 12 *[closed in December]*
askagardener@pennhort.org

Web Site
www.pennsylvaniahorticulturalsociety.org

GREEN SCENE (USPS 955580), Volume 30, No. 5, is published bi-monthly (February, April, June, August, October, December) by The Pennsylvania Horticultural Society, a non-profit member organization at 100 N. 20th St., Philadelphia, PA 19103-1495. Subscription: $16.95. Single Copy: $3.00 (plus $2.00 shipping). Second-class postage paid at Philadelphia, PA 19103. **POSTMASTER**: Send address change to GREEN SCENE, 100 N. 20th St., Philadelphia, PA 19103.

© Pennsylvania Horticultural Society, 2002

GREEN SCENE subscriptions are part of the membership benefits for:
Cox Arboretum, Dayton, Ohio
Frelinghuysen Arboretum, Morristown, NJ
Horticultural Society of Maryland, Baltimore
Horticultural Society of New York
Phipps Conservatory, Inc., Pittsburgh, PA
Staten Island Botanical Garden, Inc, New York

GARRETT CHURCHILL

A LANDSCAPE DESIGN & BUILD COMPANY





- SITE DEVELOPMENT / PLANNING
- LANDSCAPE DESIGN
- LANDSCAPE CONSTRUCTION
- HORTICULTURAL SERVICES/MANAGEMENT
- LANDSCAPE LIGHTING
- AQUATIC GARDENS
- WATER FEATURES



The mission of Garrett Churchill is quite simply to create an outdoor environment that allows our clients to enjoy their properties by showcasing their individual lifestyles or corporate culture. This mission is accomplished through creative design/build services as well as enlightened horticultural and management practices.

ALCA
Associated Landscape Contractors of America

Pennsylvania Landscape & Nursery Association

ANLA
American Nursery & Landscape Association

For more information please check out our website at www.garrettchurchill.com
E-mail info@garrettchurchill.com
1509 Edge Hill Road · Abington, Pennsylvania 19001 · 215-884-3766 · Fax 215-884-3672

Beyond the Border

Like many new gardeners, my early gardening years were focused on dramatic flowering borders brimming with ornamentals: roses, delphiniums, foxgloves and towering lilies galore. But now that I'm teetering on the cusp of middle age, my priorities are evolving, as are any inclinations I once had to double-dig beds and weed them on my knees throughout the summer.

There must be another way to garden that's kinder on one's back. Fortunately, a new approach inadvertently dropped into my lap, thanks to the house I moved into last fall. The house is on a heavily wooded lot, yet the previous owners had assiduously planted ornamental shrubs throughout their 30 years there. In fact, it's one of the things that attracted my wife and me to the property—an array of full-grown shrubs that provided plenty of privacy.

So here I am with a property full of flowering woody plants. But do woody plants alone constitute a garden? As I'm learning, the answer is a resounding "yes." The previous owners had put in a nice selection of hardy shrubs over the decades, from azaleas and rhododendrons, to leucothoe, mountain laurels, pieris, lilacs, and more. Granted, I could do without the gaudy, speckled aucubas (*A. japonica*) seated around the house—to my mind, these are the pink flamingoes of the woody plant world. But beggars can't be choosers and, all told, I'm happy with my lot...all three-quarter acres of it.

Moreover, I'm finding that caring for shrubs is easier on the back and knees than many other gardening activities. I've gained a new appreciation for my hand pruners, trimmers, bow saw and loppers, which have long sat neglected in the shed. In fact, an afternoon pruning one's shrubbery is not the onerous task I once thought. It's a surprisingly pleasant and relaxing way to spend the day. (*Good grief*, I am turning middle aged.)



Pete Prown

What's more important here is that working with shrubs, as well as trees and woody vines, can teach us all a fresh way to garden. When pruning woodies, there's a slower, more studied pace (one doesn't have to perpetually keep after weeds, as in a flower bed). Also, more thought is given to form and structure, instead of the easy allure of color, and one can gain a deeper appreciation for the subtleties of foliage and texture. This isn't to say that I won't eventually dig an herbaceous border somewhere, but for the time being, my surprise bounty of woody plants is keeping me an active and contented gardener.

In this issue of *Green Scene*, you'll learn of several fine woody specimens as we announce the winners of the 2003 PHS Gold Medal Plant Awards. Since 1978, this program has celebrated superb trees, shrubs and vines that thrive in our region (Zones 5-7) and provide solid bang for the buck in the garden.

We are also unveiling our new columns for the year. Our writers include Bill Thomas of Longwood Gardens, who, coincidentally, shares his expertise on shrubs, while Jeff Jabco of the Scott Arboretum of Swarthmore College will deal with the conundrum of gardening in small spaces. Finally, newspaper columnist Ilene Sternberg will delve into the indoor world of houseplants. I hope you enjoy these columns as much as we enjoy presenting them.

In a similar spirit, I want to offer a great round of thanks to last year's terrific stable of columnists: Rob Cardillo, Kathryn Andersen, and Alexandra Basinski. You all did a wonderful job and I know our readers share my deep appreciation of your efforts.

Pete Prown

email: *greenscene@pennhort.org*

photos by Pete Prown



Growing a Green Business in the City

Glenn Behrman has been in the plant business for 30 years, most of it spent in New York City. But a little over 10 years ago, he left the business, moved to Thailand, and got into the food importing business. The gardening bug never faded away, however, and eventually he came back to the US looking for a place to open his own nursery. He found just what he was looking for on largely residential Bainbridge Street in Center City. There, amidst a completely urban backdrop, Glenn opened Philadelphia Houseplant Wholesalers.

"I drove through 16 states looking for just the right spot and then I stumbled upon this spot at 12th & Bainbridge," says the grower in his colorful New York accent. "It's perfect! Originally, this was going to be strictly a wholesale operation where I'd sell tropical plants to florists, motels, conventions, and offices. But local residents on





their way to work would walk by our garden center and say, 'Look at that gorgeous *Dracaena*—you *have* to sell it to me!' People don't expect to find a nursery operating right in the middle of Philadelphia."

Aside from tropicals such as orchids, palms, and succulents, Glenn has also branched out into annuals and perennials, and even built a greenhouse in his back lot. And most recently, he began selling seeds of exotic vegetables like bok choi, bitter gourd, and hot tiny peppers from southeast Asia, something assuredly inspired by his Thai wife, Koi. He adds, "Those peppers are so hot, they could make me pass out, but Koi eats 'em like M&Ms. I can't figure it out."

And all this horticultural variety in a humble operation sits just a stone's throw from Broad Street. "I like having our business right here in the city," Glenn reflects. "This is a great neighborhood and I like the people. This area used to be pretty rough, but now I feel like we're contributing some beauty to the area. It's like an oasis where there was once scorched earth. I swear, 10 times a day, people come in here and say how beautiful it is. Their faces light up like little kids walking up to a Christmas tree."

—Pete Prown & Jane Carroll

Philadelphia Houseplant Wholesalers is located at 1233 Bainbridge Street in Philadelphia. Call (215) 545-5044 or visit them on the web at *www.phillyplants.com*.

The Wonder of 'Winter King' Hawthorn



Rob Cardillo

It's that time of year—the fall flowers are finished, and there's nothing ahead but a drab winter landscape. How to cope? Just imagine a tree with interesting bark, silvery twigs, and clusters of red berries that attract brightly colored birds. *Crataegus viridis* 'Winter King' has it all.

Commonly called winter king green hawthorn, the tree won a Pennsylvania Horticultural Society (PHS) Gold Medal in 1992, and with good reason. During the growing season, its gray-green branches are clothed with glossy, dark green leaves. On older stems, the outer bark exfoliates to reveal a rich, cinnamon brown inner bark. Abundant white flowers appear in May, and in fall, the leaves turn scarlet red. But its best feature is the orange-red, berry-like fruits that appear in September and persist until eagerly consumed by migrating birds in late winter.

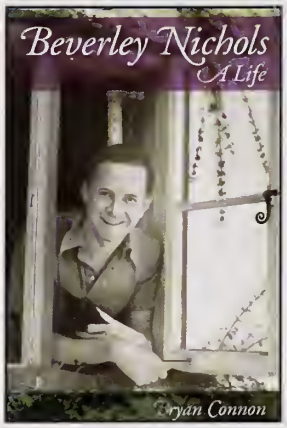
The berries are an attractive holly substitute, according to PHS Gold Medal Plant coordinator Joe Ziccardi, Jr. He explains that when he worked at a garden center, he would often cut sprigs of them at the holidays when the winterberry holly was out of stock. "The customers loved it," he recalls. "The berries were larger and brighter than the holly and lasted longer when freshly cut."

Because it is nearly thornless, 'Winter King' is easier to site than many hawthorns. It is also more resistant to cedar hawthorn rust but should be planted away from Eastern red cedar to minimize problems. With a mature height and width of about 30 feet and a vase-shaped form, it is equally effective as a specimen tree or for the back of the border. Hardy in Zones 4 to 7, 'Winter King' does best in full sun and moist, well-drained soil. However, it tolerates a range of conditions, including urban pollution and drought. This tough and handsome tree will perk up your garden at any time of year.

—Debbie Moran

For source information, visit www.goldmedalplants.com

The Gardener's Bookshelf



Beverley Nichols: A Life
(Timber Press, hardcover, 320pp., $29.95)
By Bryan Connon

PROS: Fascinating insight into this garden writer's life.
CONS: Not enough photographs.

If nothing else, this biography of writer Beverley Nichols paints the portrait of a hugely complex person. Nichols was the author of over 50 books—along with hit musicals, poetry and more—yet considered himself something of an artistic failure. He earned his living with the written word, but felt he missed his calling as a serious concert pianist. He was a genteel garden writer, but his private life was daring, promiscuous, and even dangerous.

Today, Nichols is most famous for his gardening books, which he knocked off as mere trifles during a long and prolific career. Nevertheless, tomes like the *Merry Hall* trilogy, *Down the Garden Path*, and *Garden Open Today* are considered classics of 20th-century garden literature, blending general horticultural information with the author's famed wit and whimsy.

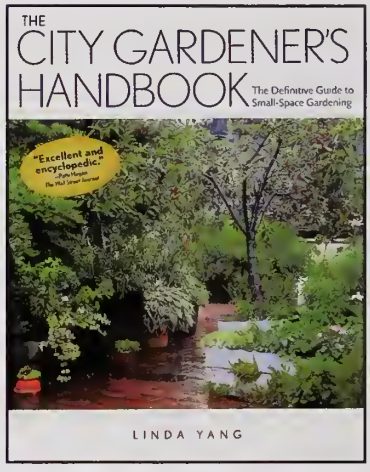
In this book, biographer Bryan Connon goes far beyond the blissfully silly world of Merry Hall and delves into the writer's mysterious childhood, during which the subject claimed to have been forever scarred by an alcoholic, abusive father. John Nichols is a central character in the book, specifically as the author uncovers evidence that his son exaggerated and even made up gross untruths about his father. Towards the end of his life, the younger Nichols even laid claim to several murder attempts upon his drunken father, but whether these were truths or by-products of the writer's prolific imagination remains unknown.

Conversely, one can only sit in wonder at Nichols' high-flying lifestyle. He was born into affluence in the late Victorian era, reared in the golden Edwardian age, and, unlike thousands of men his age, he survived World War I. Audaciously, he wrote his first autobiography at the age of 25 and it was a surprise success, launching his journalistic career. Throughout the Roaring '20s, he apparently lived life to the fullest, parlaying his natural charm and intelligence into connections with royalty (the king and queen of Greece), politicians (Winston Churchill), and celebrity writers galore (Noel Coward and Somerset Maugham, among them). Wherever there was a party, it seems that Beverley Nichols was not far behind.

Down the Garden Path was published in 1932 and continued his winning spree—amazingly, the book is still in print 70 years later. But Nichols' gardening books are only the tip of the iceberg: he also wrote on politics, religion, travel, the occult, and even cats. Despite his enormous output, he never wrote a definitive literary masterpiece, owing to a frequent weakness for sentimentality. Even his charm finally wore thin. In his later years, critics grew tired of his self-infatuation (he wrote no less than *eight* autobiographies) and skewered his large, insecure ego with delight.

Still, it's hard to deny Nichols' offbeat genius, despite the unflinching assessment of his personal life captured in this solid biography. By the time you've digested Bryan Connon's reflections and research, you may find yourself not always liking Beverley Nichols, but it's hard not to be a little enchanted by his colorful persona. It's little wonder that so many of the charming characters in his gardening books were simply based upon himself.

—Pete Prown



The City Gardener's Handbook: The Definitive Guide to Small-Space Gardening
(Storey Books, 336pp., paperback, $19.95)
By Linda Yang

PROS: Excellent reference guide.
CONS: Dated-looking photographs.

After a brief hiatus, *The City Gardener's Handbook* by Linda Yang is back in print in a new edition by Storey Books. Originally published in 1990, the book was reissued in 1995 as *The City and Town Gardener*. (Random House published the first two versions.) This third incarnation still includes the 1995 foreword by PHS president Jane Pepper, while adding new introductory comments by Katherine Powis, librarian for the Horticultural Society of New York, who calls the book "just the best book on the subject I know."

Indeed, Yang crams a huge amount of information into one compact volume—just what you'd expect from a city gardener who's learned how to make the most of a small patch of land. In just the first few minutes of leafing through it, I learned two

things: that those light-colored spots on my tomato leaves are probably a sign of ozone pollution, and that I could make my garden less attractive to pigeons by spreading cut Christmas tree boughs under the bird feeder (it hides the seeds from those hungry pigeons).

Much of this encyclopedic book remains the same as the previous two versions, including the excellent section on container gardening, a seasonal almanac, lots of good, basic gardening advice and a list of city-friendly plants. Trained as an architect, Yang even discusses how to determine safe weight loads for rooftops and terraces and pairs a number of photographs with detailed garden plans.

So what's different? The 2002 edition has a new cover and an updated resource section, with a list of on-line sources, as well as new information about organic pest control and fertilizers. Although the photographs seem a bit dated—they probably date from 1990—they still offer inspiration for those of us who garden within view of a skyscraper or two. Overall, *The City Gardener's Handbook* contains a wealth of practical, easy-to-find information from one who has been there, done that. And at $19.95, it's a bargain.

—Jane Carroll



Garden Master Class
(DK Books, 2002, 352pp., $40)
Natural Landscapes
(DK Books, 2002, 191pp., paperback, $19.95)
by John Brookes

PROS: Great drawings and photos.
CONS: None.

John Brookes' *Garden Master Class* opens with a delightful journey through a lifelong study of iconic gardens from around the world, ancient to modern, that have influenced the author. The mood of enchantment lasts until you turn the page and see an aerial view of a cookie-cutter housing development plopped in a swamp. One expects excoriation, after the beauty and sensitivity of the intro, but *no*—instead we get an essay on sense of place. That's when you realize this is no snob coffeetable book for the over-privileged; Brookes is a realist who wants to bring his insights to the everyday sort of gardens that most of us live with.

This is the first garden book I've seen that delves into the sort of regional thinking that is the hallmark of today's professional landscape-architectural training. Brookes' keen sensitivity for regional characteristics—natural, cultural, industrial or agricultural—is brought to bear on the individual garden. He acknowledges the contribution of the premier mid-20th-century garden designer Thomas Church and his influential book, *Gardens are for People*, a classic that recognized the "new" California outdoor lifestyle. Like Church, his guru, Brookes reaches across the vast divide between professional and amateur gardeners to bring the best current thinking to a popular audience. But unlike Church, he extends his reach to encompass a large range of gardens.

He considers all the elements of gardens: plants, paths, water elements, enclosures, structures and so on. There are wonderful photographs, too, but most useful are his parings of photographs and analytical drawings.

Brookes' other new book, *Natural Landscapes*, expands on the idea of a garden being one with its setting. After an introduction to natural gardening and a primer on the elements of design, the book is chaptered by location. A variety of situations are considered—coastal, temperate, wetland, woodland, tropical, grassland, desert, and city. For each situation, he gives examples of gardens, with plant lists, design analysis, tips on establishment, and care and management.

This book is laid out in the publisher's trademark style, with each topic broken into separate elements occupying two facing pages. The book overflows with explanatory photographs and drawings, and their instructional intent does not detract from their visual allure. This urban gardener was particularly drawn to the clever ideas in the City Garden chapter: a long, narrow garden in Georgetown sports a sinuous flagstone path meant to evoke a dry stream; a Minneapolis garden captures roof runoff to an artificial plastic-lined bog; and a modern house in Melbourne, Australia has a terrace and pool that match its rectilinear lines.

Both of these books contain engaging tours of gardens around the world, ones any garden enthusiast would like to see. Both are filled with practical information and doable techniques. Rather than espouse a particular style, John Brookes encourages the reader to connect to his native landscape and to make the garden work for the lives that are lived within it. This is the best that any garden design book can do.

—Nancy Q. O'Donnell



The Queen of



All photos by Brent Heath of Brent and Becky's Bulbs, except where noted

Spring

A Behind-the-Scenes Look at Dutch Tulip Production

By Eva Monheim

The heavy, moist air hung all around us as we entered Keukenhof, the annual open-air flower exhibition in Lisse, Holland. The sweet fragrance of tulips was suspended in the mist, and I was awestruck by the scent and visual vibrancy of the tulip pageantry. Stately beech trees and brilliant green lawns outlined the walkways and the beds of the spring-blooming flowers. I was here to see what millions of other visitors had seen before me, and, like them, I was consumed by Keukenhof's spring regalia.

Walking through Keukenhof will never leave my memory, nor will I ever view a tulip in the same manner. After seeing Keukenhof (*pictured at left*), one begins to have a better understanding of why the so-called "tulip mania" swept Holland in the 17th century. It was after the first sight of tulips in Turkey by Dutch ambassadors that the Dutch began their love affair with the flowers, eventually becoming the best tulip growers and breeders in the world. At Keukenhof, the oldest and newest of Dutch tulips are exhibited in the most imaginative ways for the public to swoon over. It is no wonder that the Dutch refer to the tulip as "The Queen of Spring."

I had come to Keukenhof to learn how the best tulips are selected and produced in the Netherlands for our gardens in the US. The story begins at the tulip farms. After our visit to Keukenhof, my Dutch friend, Carin, took me to two farms—first to the farm of Geert Jan Duisterwinkel. We drove for several hours to the northern part of the country, to the small town of Ulrum.

Upon our arrival at the Duisterwinkel

The Queen of Spring

Opposite page clockwise from top right: 1) Bulbs of various size with a bulb-measuring tool. **2)** The netting on which bulbs are planted for easy removal. **3)** A warehouse next to the tulip fields. **4)** Inside a tulip warehouse. **5)** Harvesting blossoms to keep the bulbs growing strong. **6)** Closeup of tulip bulb and bulblets.

Below: Close up of 'Prinses Irene' tulips.



farm, Geert Jan greeted us at the door of the farmstead with an armful of parrot tulips. I was taken back by the gesture, feeling as if I'd been given the world—hundreds of years of history in one armful. Metaphorically, I was given the farmer's world, his custom, his love of flowers and his livelihood, all in one big bouquet.

Geert Jan took us out in the field to explain the artful procedure of growing tulips. As we walked through the field, across a row of tulips planted four bulbs across, forming large bands of color, Geert Jan explained that it all starts here in the planting. Because of his farm's clay soil, the bulbs are planted mechanically in one long continuous netting material. As the netting is rolled out and ploughed under, the bulbs fall into their beds. The holes in the netting are large enough to allow the young tulip leaves to grow through them. Later, at harvest time, the netting helps loosen soil from around the bulbs as they are pulled up in the netting. This prevents injury and keeps the clay soil from remaining on the bulbs, which can cause disease and improper grading for bulb size.

How are tulip bulbs graded for export? Tulip bulbs are measured against the standard for the Japanese market—the highest quality of bulbs grown—known as "class 1 Japan." The culling technique for tulips for the Japanese market is determined by the percentage of disease found within the bulb. The Japanese standard requires few diseases in very low percentages within a shipment of bulbs. The higher the percentage of disease within a shipment, the lower the class designation will be.

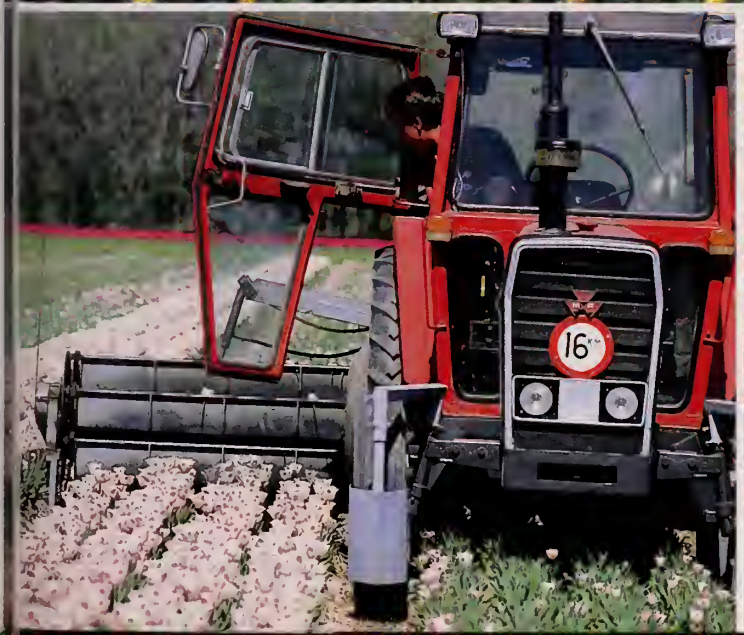
Tulip brokers and their clients may demand other standards as well. These can include tightness and color of the outside bulb sheath, whether the sheath is broken or fully intact, and the size of the bulb. The tulip bulb's size is the measurement, in cen-










16



J. Blaine Banham, Jr.



Eva Monheim

Top of page: Acre upon acre of color.
Above: My traveling companion Carin (left) with grower Geert Jan Duisterwinkel.

timeters, of the circumference. Bulbs for garden planting usually start at size 10/11 and go up accordingly to 11/12 and 12+ centimeters.

Geert Jan shared with me many professional growing techniques. For example, applying fertilizer and treating the tulips against disease are two important ways to increase bulb size. Another technique is removal of the plant's blossom after the flower has opened. Just as the fields become vibrant in color, workers remove the heads, being careful to remove as little of the flower stem as possible. Leaving the flower stalk and leaves provides additional food for the bulb. Geert Jan said that for every centimeter removed from the flower stem, 1% of the bulb size is lost. Loss of bulb size could mean an additional growing season to get the bulb up to a larger grading size.

If the blossom is left on the plant to bloom and go to seed, the bulb may or may not flower the following year. Larger bulbs can bloom up to three seasons, and with a yearly application of fertilizer, they will bloom for many seasons.

After the first growing season, tulips develop bulblets. Bulblets are the asexual means of reproduction for the tulip, ensuring that the variety grows true to form — the DNA is identical. The development of large, healthy bulblets at the base of the original/mother bulb guarantees bulbs for new crop development. Pinching off the blossom encourages bulblet development.

As we continued walking through the colorful, fragrant field, stopping to admire 'Prinses Irene', an orange-melon tulip with a red-burgundy streak up the petal, Geert Jan observed, "It is not only the knowledge and vigilance of the individual farmer that produces the best bulbs. The climate and the daily weather conditions play a big role, and it's important to have a supportive network of other farmers." He explained that cooperation among farmers—sharing equipment, sharing knowledge of successes and failures, and working together during harvesting and planting—helps to create a world-class product and a world-class reputation.

At the second farm, I met Geert Kruize, a breeder and tulip broker. Here, the tulips were grouped in smaller plots to accommo-

Perennial Pleasures

A garden-inspired shop

Schedule now for our holiday decorating services

Custom design featuring our "botanically correct" artificial stems



Furnishings and accessories for the inspired home and garden

Wide range of gifts for all occasions

BEST of the MAIN LINE 2001 Main Line Today

Best Garden Accent Shop

BEST of the MAIN LINE 2002 Main Line Today

Critics Choice for Best Home & Garden Accents

312 Business Route 30 across from Exton Mall · Exton, PA 19341 . 610.594.6696
Hours: Mon - Tues 10:00 am - 6:00 pm: Wed - Sat 10:00 am - 8:00 pm: Sun 12:00 - 5:00 pm



PRIMEX

GARDEN CENTER

435 W. Glenside Avenue Glenside, PA 19038 215 887 7500

Bringing you the best in personal service and knowledge for over 59 years. Gardening enthusiasts and landscape professionals throughout the area have come to depend on Primex for an outstanding selection of horticultural products. Come find out why!

October Hours
Monday – Friday 8:00-5:30
Saturday 8:00-5:00
Sunday 11:00-4:00

November Hours
Monday – Friday 8:00-5:30
Saturday 8:00-5:00
Closed Sunday

The Queen of Spring

date the vast number of varieties being grown. Geert showed me a technique to guarantee pure color lines within each new variety of tulip. He carried a small triggered sprayer and directly applied a straight stream of Roundup to any plant that was not true to the variety being grown—known as a "rogue." A visual scanning of the fields, while the tulips are in bloom, helps the breeder maintain pure lines—or discover new lines or varieties. If a rogue tulip is not identifiable as an existing variety, the plant is sometimes tagged and numbered and the visual characteristics noted. Later, the rogue tulip is separated from the rest of the tulips in the field, eventually being planted out again in its own area. Geert will watch the new variety to make sure it has desirable qualities before naming and introducing the tulip.

What do breeders look for when making new selections? Tulip characteristics are matched to the needs of the market. If a tulip is short and stocky with thick flower stems, the tulip might be sold to the landscape industry as a good wind-resistant variety, or it may be utilized for the potted flower market. Short, stocky plants provide easy shipping and handling and compact beauty for apartment dwellers. Large foliage and tall, large headed tulips might be used for botanical garden displays or in the cut flower industry.

Debbie van Bourgondien of van Bourgondien Bulbs, says that when she visually assesses her company's fields in the Netherlands, she looks for overall uniformity in height, color, petal shape, overall plant size, foliage shape and color, variety name and blooming time. Working closely with breeders in the Netherlands, Debbie can make selections based on her company's long track record in Dutch bulb sales and her knowledge of current American market trends. She says Americans tend to purchase tulips with easy-to-pronounce names and more unusual characteristics.

Just before leaving, Geert Kruize wanted to show me one more group of fields before we ended our day. We drove down dark earthen roads, over small bridges, and past fields of tulips. Large puffy clouds filled the azure blue sky. In front of us was a large Dutch barn, an earthen dyke, and tall modern windmills, sheep grazing, fields of colorful tulips and the sea beyond. We stopped our car. "This is Holland at its best," said Geert, as I gazed at the scene. I had learned in a short time what took centuries to create and master. I now understood the connection of the Dutch with their landscape and their love affair with tulips.



Tulip Planting Recommendations

Plant tulips in late fall in humus-rich, sandy, well-drained soil. Grow them where they will get at least 5 to 6 hours of sun a day; full sun is preferable. Dig the soil to a depth of 8 to 12 inches, and work in Bulb Booster or other bulb food. Set the bulbs 4 to 8 inches apart, depending on size and variety. After the ground has frozen, mulch with straw or hay. After flowering, remove the head of the tulip but allow the stem and foliage to die back naturally. Tulips perform best their first year, and many gardeners treat them as annuals, discarding the plants after they finish blooming. Extensive testing in recent years has proven that if a slow-release fertilizer such as Bulb Booster is applied, you can expect more than one year of flowers out of most varieties of tulips. Many early-flowering species, as well as Darwin Hybrid tulips, come back year after year with no effort.

The Queen of Spring



THE PENNSYLVANIA HORTICULTURAL SOCIETY PRESENTS...

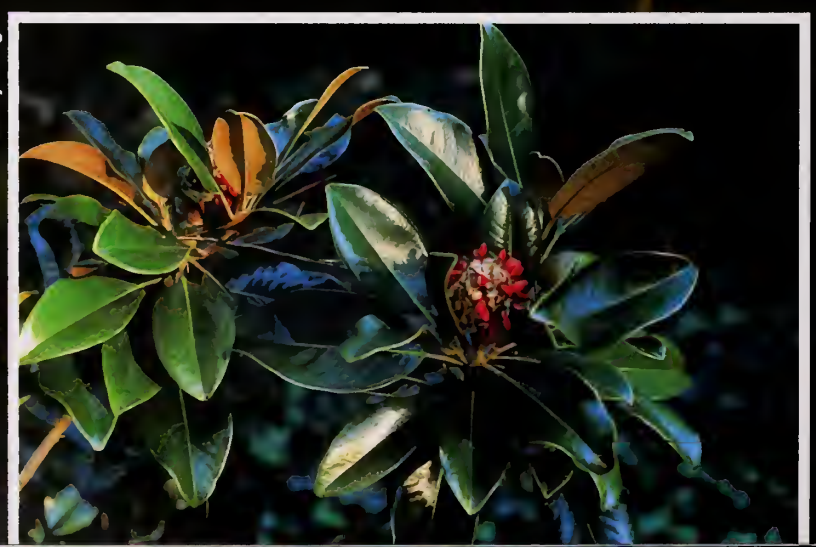
The 2003 Gold Medal

by Barry Yinger

The Pennsylvania Horticultural Society's Gold Medal award committee has selected an international group of six exceptional trees, shrubs, and vines to grace Delaware Valley gardens. This year's winners include three natives: an evergreen vine, a conifer, and a broad-leaved evergreen magnolia. There is also a hardy spring-blooming camellia, a new spirea from Japan, and a classic deutzia hybrid from France.

MAGNOLIA GRANDIFLORA 'BRACKEN'S BROWN BEAUTY'

'Bracken's Brown Beauty' is not only a very beautiful selection of our native southern magnolia, it is also a tremendous breakthrough in cold hardiness. This variety was selected for introduction by nurseryman Ray Bracken of Easley, South Carolina because of its superior form, foliage, and flowering.



Barry Yinger

***Magnolia grandiflora* 'Bracken's Brown Beauty'**

Plant Award Winners

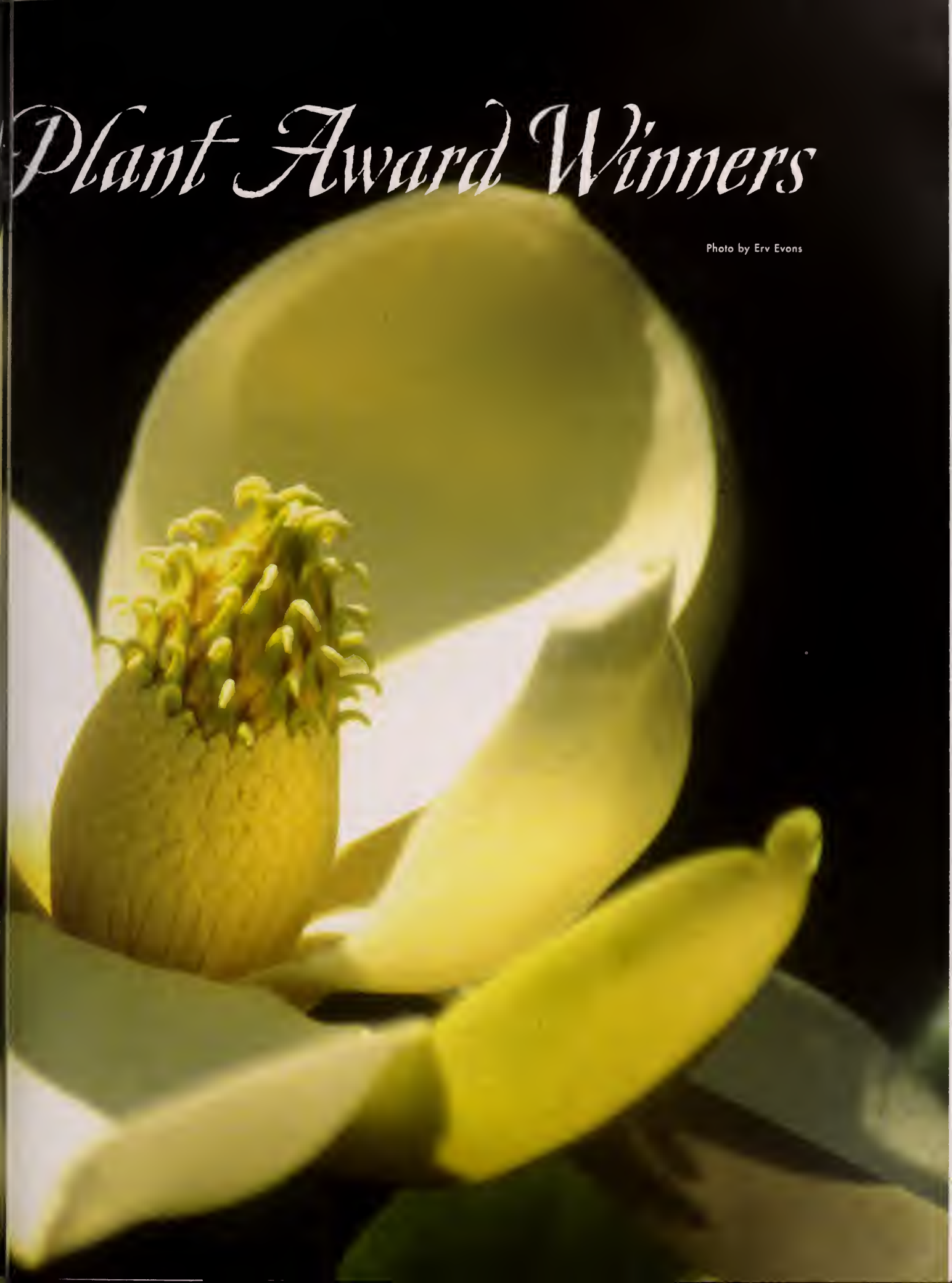


Photo by Erv Evons



Barry Yinger

Above: *Bignonia capreolata* 'Dragon Lady'

Opposite top: *Camellia japonica* 'Korean Fire'

Opposite bottom: *Deutzia* × *hybrida* 'Magicien'

Ray did not then know its potential as an ornamental tree for USDA Zone 6. By chance it was included in a group of varieties tested for hardiness by analysis of leaf samples, and its hardiness potential came to light. This variety has performed well in Pennsylvania with minimum winter temperatures of -28° and -12° F without damage.

Gardeners in the Northeast have very few choices for evergreen trees other than conifers. 'Bracken's Brown Beauty' will please you every day of the year. In winter you will enjoy the rich, glossy, dark green foliage with its cinnamon-brown felted undersides. In early summer the bloom season begins, with 6-inch-wide pure white flowers that are highly fragrant, especially at night. In fall, the seed cones open to reveal the red seeds. The foliage and seed cones are very desirable for indoor decoration in fall and winter. It is dense and compact, and it transplants well.

Plant 'Bracken's Brown Beauty' in rich, well-drained soil in sun. Its large leaves hold up better and its hardiness is enhanced if it is sheltered from the northwest winter winds. In colder areas, it is better to start with a larger tree, as hardiness increases with the size of the tree.

Bignonia capreolata 'Dragon Lady'

Bignonia capreolata 'Dragon Lady' is also known as cross vine because a stem cut reveals a pattern of a cross. This broad-leaved evergreen vine grows wild in the southeastern United States but is hardy north of its native range. 'Dragon Lady' was selected in the Philadelphia area from a planting that has been thriving for over 50 years. Evergreen vines with gorgeous flowers are almost unknown in our northeastern climate, so 'Dragon Lady' is a great opportunity for year-round garden decoration.

Cross vine is a self-clinging vine that will attach itself to rough surfaces without being tied in place. Plant it against a stone wall or on an arbor or trellis. If planted on the north or east side of a structure, it will be more attractive through the winter, as too much winter sun can burn the leaves. The foliage takes on a lovely purple tint in winter. This vine can grow to great heights, so limit its climb by keeping it on a support that you can manage.

'Dragon Lady' flowers in June, producing rich red trumpets and great cascades of color that attract hummingbirds.



Barry Yinger

Camellia japonica 'Korean Fire'

Camellia japonica 'Korean Fire' is an amazing breakthrough in the search for a hardy spring-blooming camellia for USDA Zone 6. This beautiful variety was selected from a group of plants grown from seeds collected on small islands just off the North Korean coast. I have a very personal connection to this plant, as it was a series of experiences during my stay in Korea that led to this plant being available to gardeners.

In 1978, when I was working in Korea at the Chollipo Arboretum, I came across an article written in Japanese by the Japanese botanist Ueki, who wrote about finding populations of broad-leaved evergreens such as camellia on the northwestern coast of Korea. I was intrigued by the possibility of finding hardier broad-leaved evergreen shrubs, so I decided to visit these islands, now off-limits to non-military personnel. After a series of traumatic failures, I finally got on a boat with a Korean friend and found the plants Ueki wrote about. On that occasion and during later visits that I organized for the U.S. National Arboretum, quantities of seed and cuttings were imported and tested.

'Korean Fire' was selected for its beautiful red flowers that open wide, its thick glossy foliage, and its overall excellence of form, plus its great hardiness. In 10 years of trials in south-central Pennsylvania, it has never been damaged or failed to bloom, even after -12° F winters. To thrive, 'Korean Fire' needs rich, well-drained soil and a position with no direct afternoon sun. It will benefit from protection from the northwest winds in winter.



Richard Lighty

Deutzia x *hybrida* 'Magicien'

Deutzias are popular old-fashioned flowering shrubs from Asia that were common in our grandmothers' gardens. Of the many



Garden Image



Larry Albee

Above left: *Pinus strobus* 'Fastigiata'

Above right: Closeup of *Pinus strobus* 'Fastigiata'



Barry Yinger

Right: *Spirea thunbergii* 'Ogon' Mellow Yellow® in summer

Below: *Spirea Thunbergii* 'Ogon' Mellow Yellow® in fall



Barry Yinger

that are commercially available, the cultivar *Deutzia* × *hybrida* 'Magicien' is particularly magical in the late spring garden. This exceptional hybrid was bred in France in the 1920s. It produces glorious sprays of large pink and white striped flowers that are purple on the reverse side. The flowers are borne on strong, slightly arching branches on vigorous upright stems up to 6 feet tall. This shrub provides an abundance of color in the interval between the burst of spring bloom and the flowers of summer.

'Magicien' will grow well in sun or part shade and is somewhat drought-tolerant. It has few cultural problems and thrives in a variety of well-drained soils. It is seldom troubled by disease or insect pests.

Pinus strobus 'Fastigiata'

Pinus strobus 'Fastigiata', the northern white pine, is one of our most familiar and beautiful native conifers. Its rapid growth, ease of culture, and relative freedom from diseases and insects has made it a much-beloved ornamental tree in the home garden. Today's smaller gardens are not always good sites for the white pine, which quickly grows to 30 or 40 feet tall and nearly as wide, eventually reaching 80 feet. This upright selection of white pine also grows quickly but is about three times as tall as wide. It not only takes up less space but is also much better as an evergreen screen because it is narrow, dense, and upright in growth.

White pines are undemanding in the garden, requiring only full sun and well-drained soil that is not strongly alkaline. When using narrow upright evergreens to create a screen, consider planting them in a staggered line rather than a single file, for deeper, more effective shelter.

Spirea thunbergii 'Ogon' Mellow Yellow®

There are few deciduous blooming shrubs that offer as much year-round interest as the golden-leaved form of spirea, *S. thunbergii* 'Ogon' Mellow Yellow®. The ordinary species is a native of China that has long been grown in Japan. It has been a popular garden plant in the West since its introduction in the late 1800s. This superi-

or variety was developed in Japan and introduced into the United States in 1993 through Hines Nurseries Inc. of Irvine, California.

Like its parent, the golden form is extremely durable in the garden, enduring heat, drought, and adverse growing conditions. It succeeds in sun or light shade. Its ornamental features become apparent early in the year, with its cascades of white flowers in March or April. The narrow golden leaves appear soon after, mellowing to chartreuse by summer. In fall this variety displays blazing fall color, ranging from yellow through shades of peach and orange. The foliage remains on the plant until very late in the fall, sometimes until early December.

Look for these Gold Medal plants at your local garden center or nursery. You will derive endless satisfaction from these plants that have demonstrated excellence to the members of the Gold Medal Committee.

Barry Yinger is New Products Resources Manager for Hines Nurseries Inc. of Irvine, California, a wholesale nursery company with 15 growing sites throughout the United States. He also co-owns Asiatica, a small specialty nursery selling mostly unusual Japanese shade plants.

Spirea Mellow Yellow® in spring.



Rob Cardillo

The 2003 Gold Medal Plant Award Winners

NOMINATE A PLANT

Is there a plant in your garden that performs like gangbusters year after year? One that, even after the drought and your benevolent neglect, continues to thrive and bring you pleasure? Why not nominate that plant for a Gold Medal Plant Award. We'd love to hear form you. Call (215) 988-8774 or email *goldmedal@pennhort.org* for an easy-to-fill-out plant nomination form. Who knows? Your plant could receive a Gold Medal!

CHANTICLEER

The Gold Medal Program is partially funded by the Chanticleer Foundation. Visit Chanticleer, a pleasure garden, in Wayne, PA. Open from April through October, this garden has many Gold Medal winners featured in the landscape. Go to *www.chanticleergarden.org* or call (610) 687-4163 for more information.

You can also see Gold Medal plants in the landscape at these area gardens

Scott Arboretum of Swarthmore College
Swarthmore, PA, (610) 328-8025
www.scottarboretum.org

Brookside Gardens
Wheaton, MD, (301) 949-8230
www.brooksidegardens.org

Morris Arboretum of the University of Pennsylvania
Philadelphia, PA, (215) 247-5777
www.upenn.edu/arboretum

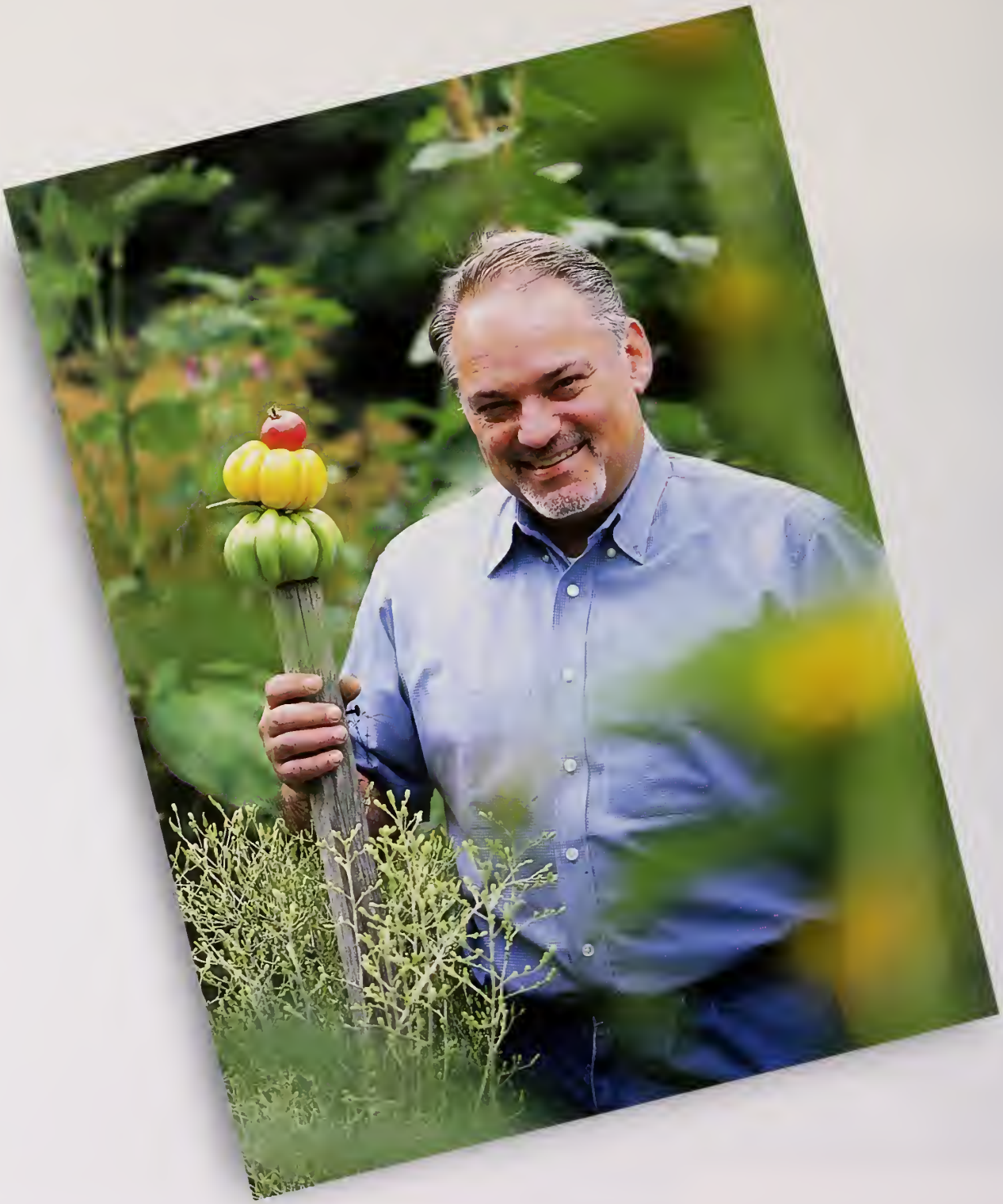
Longwood Gardens
Kennett Square, PA, (610) 388-1000
www.longwoodgardens.org

Brooklyn Botanic Garden
Brooklyn, NY, (718) 623-7200
www.bbg.org

The Frelinghuysen Arboretum
Morris Township, NJ, (201) 326-7600
http://morrisig.com/vgreen/arbor.htm

Past and

Noted horticulturist William Woys Weave



Present

anslates a colorful 18th-century "herbal"

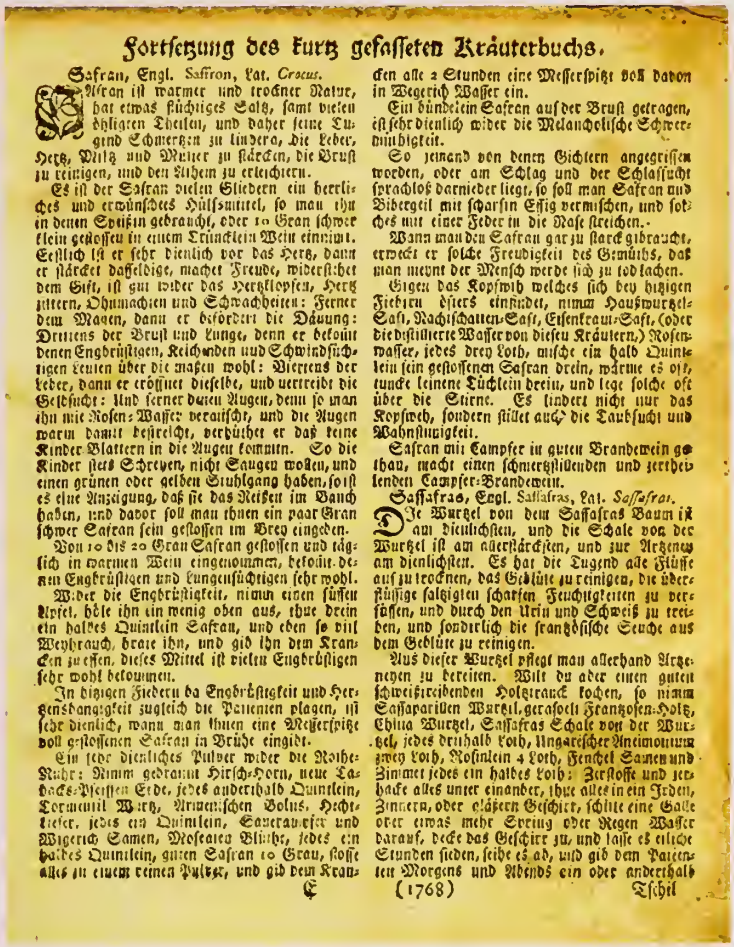
Story by Olivia Lehman

Photography by Rob Cardillo

Keeping up with William Woys Weaver comes close to being a form of aerobic exercise. In fact, a person might be wise to take up jogging in order to catch the man. One day he's breeding a new kind of golden plum tomato in the garden of his 19th-century Devon home, the next he's flying off to Cyprus to confer with Australian archaeologists about digging up a medieval village.

Green thumbs and "foodies" alike know William Weaver as one of the Delaware Valley's triple-threat horticultural celebrities: writer, gardener, and cook. He is a three-time Julia Child cookbook awardee and the curator of the Roughwood Seed Collection, which includes many rare heirloom-vegetable seeds. As devoted to cooking foods as he is to growing them, Weaver contributes articles to *Gourmet* magazine and is now the associate and art editor of *The Encyclopedia of Food and Culture*, a three-volume work to be published by Scribners. Other current projects include spearheading an experimental culinary program at Drexel University; working with the United Nations to promote World Food Day; reissuing two of his 10 books (*The Quaker Woman's Cookbook*, and *The Christmas Cook*); and collaborating with an archeological team in Paphos, Cyprus, to unearth medieval kitchen wares.

Weaver, however, sees himself primarily as a writer. And although he does his share of digging and cooking, he possesses the intellectual curiosity of an academic. He loves unraveling puzzles, and three years ago, he got to take a stab at a big one. He embarked on the task of translating the 200-year-old *Sauer's Herbal Cures* (Routledge Books, 400pp., $37.50). Written in Pennsylvania High German, *Sauer's Herbal Cures* was our country's first "herbal" (a collection of herbal recipes for treat-



Fortsetzung des kurtz gefasseten Kräuterbuchs.

Safran, Engl. Saffron, Lat. *Crocus.*

Safran ist warmer und trockner Natur, hat etwas flüchtiges Salz, samt vielen öhligten Theilen, und daher seine Tugend Schmertzen zu lindern, die Leber, Hertz, Milz und Mutter zu stärcken, die Brust zu reinigen, und den Athem zu erleichtern.

Es ist der Safran vielen Gliedern ein herrliches und erwünschtes Hülfsmittel, so man ihn in denen Spitzen gebraucht, oder 10 Gran schwer klein gestossen in einem Trincklein Wein einnimt. Erstlich ist er sehr dienlich vor das Hertz, dann er stärcket daffelbige, machet Freude, widerstehet dem Gift, ist gut wider das Hertzklopfen, Hertz zittern, Ohnmachten und Schwachheiten: Ferner dem Magen, dann er befördert die Däuung: Dienets der Brust und Lunge, denn er bekömt denen Engbrüstigen, Keichenden und Schwindsüchtigen Leuten über die massen wohl: Viertens der Leber, dann er eröffnet dieselbe, und vertreibt die Gelbsucht: Und ferner denen Augen, denn so man ihn mit Rosen-Wasser vermischt, und die Augen warm damit bestreicht, verhütet er daß keine Kinder-Blattern in die Augen kommen. So die Kinder stets Schreyen, nicht Saugen wollen, und einen grünen oder gelben Stuhlgang haben, so ist es eine Anzeigung, daß sie das Reissen im Bauch haben, und davor soll man ihnen ein paar Gran schwer Safran fein gestossen im Brey eingeben.

Von 10 bis 20 Gran Safran gestossen und täglich in warmen Wein eingenommen, bekömt denen Engbrüstigen und Lungensüchtigen sehr wohl.

Wider die Engbrüstigkeit, nimm einen süssen Apfel, höle ihn ein wenig oben aus, thue drein ein halbes Quintlein Safran, und eben so viel Weyhrauch, brate ihn, und gib ihn dem Kranken zu essen, dieses Mittel ist vielen Engbrüstigen sehr wohl bekommen.

In hitzigen Fiebern da Engbrüstigkeit und Hertzensbangigkeit zugleich die Patienten plagen, ist sehr dienlich, wann man ihnen eine Messerspitze voll gestossenen Safran in Brühe eingibt.

Ein sehr dienliches Pulver wider die Rothe-Ruhr: Nimm gebrannt Hirsch-Horn, neue Backs-Pfeffen Erde, jedes anderthalb Quintlein, Tormentill Wurtz, Armenischen Bolus, Hechtleber, jedes ein Quintlein, Sauerampfer und Wigerich Samen, Rosenaca Blüthe, jedes ein halbes Quintlein, guten Safran 10 Grau, stosse alles zu einem reinen Pulver, und gib dem Kranken alle 2 Stunden eine Messerspitz voll davon in Wegerich Wasser ein.

Ein bündelein Safran auf der Brust getragen, ist sehr dienlich wider die Melancholische Schwermüthigkeit.

So jemand von denen Gichtern angegriffen worden, oder am Schlag und der Schlafsucht sprachlos darnieder liegt, so soll man Safran und Bibergeil mit scharfen Essig vermischen, und solches mit einer Feder in die Nase streichen.

Wann man den Safran gar zu stark gebraucht, erweckt er solche Freudigkeit des Gemüths, daß man meynt der Mensch werde sich zu todt lachen.

Gegen das Kopfweh welches sich bey hitzigen Fiebern öfters einfindet, nimm Haußwurtzel-Safft, Nachtschatten-Safft, Eisenkraut-Safft, (oder die distillierte Wasser von diesen Kräutern,) Rosenwasser, jedes drey Loth, mische ein halb Quintlein fein gestossenen Safran drein, wärme es oft, tunckt leinene Tüchlein drein, und lege solche oft über die Stirne. Es lindert nicht nur das Kopfweh, sondern stillet auch die Taubsucht und Wahnsinnigkeit.

Safran mit Campfer in guten Brandewein gethan, macht einen schmertzstillenden und zertheilenden Campfer-Brandewein.

Sassafras, Engl. Sassafras, Lat. *Sassafras.*

Die Wurtzel von dem Sassafras Baum ist am dienlichsten, und die Schale von der Wurtzel ist am allerstärcksten, und zur Artzeney am dienlichsten. Es hat die Tugend alle Flüsse auf zu trocknen, das Geblüt zu reinigen, die überflüssige salzigten scharfen Feuchtigkeiten zu versüssen, und durch den Urin und Schweiß zu treiben, und sonderlich die frantzösische Seuche aus dem Geblüt zu reinigen.

Aus dieser Wurtzel pflegt man allerhand Artzeneyen zu bereiten. Wilt du aber einen guten schweißtreibenden Holtztranck kochen, so nimm Sassaparillen Wurtzel, geraspelt Frantzosen-Holtz, China Wurtzel, Sassafras Schale von der Wurtzel, jedes drithalb Loth, Ungarischer Anemonium zwey Loth, Rosinlein 4 Loth, Fenchel Samen und Zimmet jedes ein halbes Loth: Zerstosse und zerhacke alles unter einander, thue alles in ein Irden, Zinnern, oder gläsern Geschirr, schütte eine Galle oder etwas mehr Spring oder Regen Wasser darauf, decke das Geschirr zu, und lasse es etliche Stunden sieden, seihe es ab, und gib dem Patienten Morgens und Abends ein oder anderthalb Tschil

(1768)

A page from Sauer's original "Herbal".





Opposite page: In addition to his historical work, Weaver is a renowned expert on heirloom vegetables. Here is the corn 'Seneca' from his garden.

Left: A 17th century apothecary similar to Sauer's.

ing common ailments using herbs found in the kitchen garden). Weaver grew up in Chester County, Pennsylvania, where he learned both Pennsylvania Dutch and German. Grandfathers and a colorful "herb granny" cousin taught him about plants, using as their textbook the lush terrain near Lancaster, Pennsylvania.

When Weaver later started writing about food and gardens, his inclinations, not surprisingly, led him back to his Pennsylvania roots with their Germanic influences. While gathering information for a Pennsylvania-German herbal that he hoped to write himself, Weaver realized the importance of the Sauer herbal. The work is a collection of yearly almanacs compiled by Christopher Sauer, a German-born apothecary and printer. A deeply religious man, Sauer hoped

Right: Here is a purple heirloom carrot. Weaver doesn't just write about garden history—he also *grows* it.

Opposite page top: Relatives of 'Brandywine' tomatoes.

Opposite bottom: Basil, sage and other herbs are found in Sauer's recipes.







the almanacs might ease and enrich the lives of North America's rural poor. Sauer first published the collection himself in Germantown (now part of Philadelphia).

Two hundred years later, Weaver has translated the volume into English, updated much of its horticultural information, and provided analyses of Sauer's life and times. Born into one of the richest German-American families of the Colonial era, Sauer died with a certain notoriety but without a penny. His loyalty to the British during the American Revolution cost him his publishing business.

The herbal is as colorful as the man, who was known for his sermons as much as for his politics. Besides offering up kitchen-garden cures for a number of ailments, Sauer addresses touchy matters like the over-consumption of sugar by "spoiled" bourgeois wives or the perils of tea drinking. Although any herbal is by necessity a compendium of centuries-old wisdom, Sauer could never resist adding his own two cents. He was acutely aware of rural hardships, and he encouraged frugality by suggesting second uses for things—old apples for poultices, linen caps as strainers. Most of the almanac's readers lived far from doctors and faced constant peril. Snakes, lizards, and vermin were a threat, shoes a luxury. Cures for ailments like chimney sweep's cancer, leprosy, and bent limbs fill the book's pages.

The foundation of *Herbal Cures* rests upon theories of bodily function and healing that seem antiquated. Yet a close look at some of the remedies reveals their likeness to modern holistic restoratives—Sauer recommends mint tea for a queasy stomach just as we might today. Similarly, viewing food as medicine, a notion entirely accepted in Sauer's day, resonates with us still. Sauer merely recommended a lot more brandy and, occasionally, morning dew. Beware that once you've ducked into his world, cooking will never be the same. Suddenly the idea of dipping practically anything into a bit of alcohol seems to

PHILADELPHIA HOUSEPLANT WHOLESALERS

CHRISTMAS 2002
THE LARGEST SELECTION OF TREES IN CENTER CITY
CHOOSE FROM THOUSANDS

Fraser Fir 5′ to 15′
Douglas Fir 5′ to 15′
Balsam Fir 5′ to 15′



SPECIAL WHOLESALE PRICES FOR LARGE POINSETTIA ORDERS!

WREATHS & ROPING POINSETTIAS

WHOLESALE PRICES

HEALTHY HOUSEPLANTS AT WHOLESALE PRICES

OVER 5000 PLANTS IN STOCK AT ALL TIMES

FROM 6″ POTS FOR THE WINDOWSILL TO 15″ TALL SPECIMENS

PLANT RENTALS COMMERCIAL - RESIDENTIAL

1233 BAINBRIDGE STREET
ONE BLOCK OFF S. BROAD
OPEN 7 DAYS

215-545-5044

make sense.

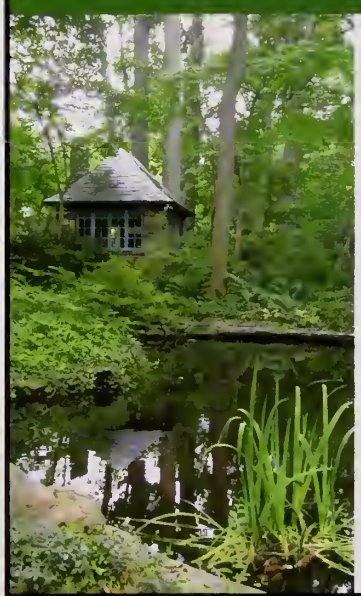
Together, Weaver and Sauer paint a vivid picture of the eighteenth-century German-American kitchen. One can imagine dark rooms animated by squawking chickens and babies, soot flying through the air, curative soups called "restaurants" on the boil, and the garden's herbal aromas wafting in through the back door. Sauer's language is kind of outrageous. One wonders if his contemporaries also spoke this way, or if he was a true eccentric, determined to vanquish the ills of man and beast by offering up his own very particular mixture of science, religion and witchery. "Proud stinking wounds," "cold brain," "livid sores," "blackened melancholic blood"—this is Sauer. In a typical passage, he advises that "if saffron is used too strongly, it will provoke so much mirthfulness that people may think themselves about to die from laughing."

Such language at times transforms *Herbal Cures* into entertainment as much as a reference guide or historical document. Yet as enchanting as the original work remains, William Weaver's clear translation, historical insights, and considerable horticultural knowledge transform *Herbal Cures* into something more than a curiosity. Most important, Weaver suggests New World substitutes for the largely Old World plants Sauer refers to in his recipes. As evidenced by the wide range of heirloom plants illustrated in this article, Weaver sees himself as just one in a long line of "herb grannies," and we enthusiasts can gain much by drinking up his and Christopher Sauer's bewitching lore. Bring on the brandy!

Longtime contributor Olivia Lehman last wrote about an Italian garden in the August 2001 issue.

WHEN IS THE LAST TIME YOU'VE BEEN TO THE BARNES FOUNDATION?

BARNES SOCIETY



HAVE YOU...

...joined us for a day trip to an art or horticulture attraction?
...taken one of our new courses, attended a lecture or workshop?
...heard about our new docent training program?
...seen our recently renovated greenhouse or the new additions to the arboretum?

JOIN THE BARNES SOCIETY NOW AND RECEIVE:

- *IMPRESSIONS*, our newsletter, that includes behind-the-scenes insights, upcoming events and a bloom chart
- *INVITATIONS & DISCOUNTS* on exciting trips, exclusive pre views, educational lectures and workshops
- *10% OFF GIFT SHOP PURCHASES & PLANTS* at the Annual Plant Sale

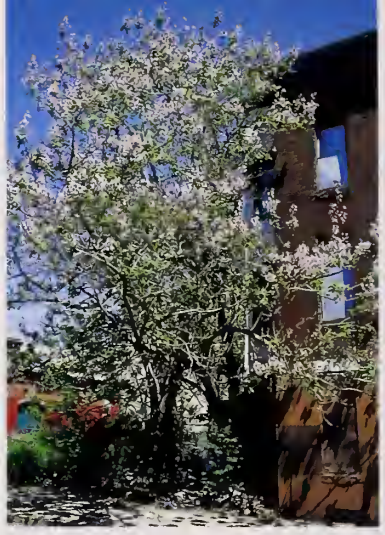
Additional benefits are available at higher levels, call us for details at 610.667.0290 ext.2255 or visit our website at www.barnesfoundation.org

Your Investment, Our Future!
..... serving over 700 members since its inception in May 2001.



'Gold Currant' tomatoes





Taking Root

Caring for Trees in the Urban Forest

by Jane Carroll



"A tree is a wondrous thing," says Mindy Maslin, reading from a quotation to a new group of eager volunteers. Mindy is manager of Philadelphia Green's Tree Tenders Project, which has been training Philadelphia residents to plant and care for street trees for almost a decade.

Mindy wants every new Tree Tender to appreciate the awesome power of trees (did you know they can pump thousands of gallons of water and split rocks?), as well as understand the life-giving benefits they bestow on us ambulatory creatures, including the oxygen we breathe and wood to build our houses. She was hired by PHS in 1990 to run a tree education program for children and adults. But she soon became intrigued with volunteer tree-care programs in other cities and thought a similar program might work in Philadelphia.

As wondrous as trees are, they are especially beneficial in the urban environment. They reduce heat, help control run-off, act as noise buffers, filter pollution, provide shade, calm traffic, create shelter for birds, and generally soften the urban landscape. Their economic benefits are also considerable. Mature trees can cut summer cooling costs by 40%. They increase property values by 3% to 15%. Some studies even suggest that the mere presence of trees creates stronger neighborhood ties and reduces domestic violence.

Urban trees have a much tougher life, however, than their suburban and rural counterparts. Cramped quarters often send roots pushing through sidewalks or metal grates. Bumps from cars and trucks damage their bark, passing dogs and cats urinate on tree trunks, careless people dump motor oil or other chemicals onto the surrounding soil, and utility companies lop off branches that grow too close to overhead wires. In winter, salt or chemicals used to melt snow and ice can accumulate to toxic levels. It's no wonder that city trees need all the help they can get from us. A committed corps of trained citizens can go a long way toward keeping trees healthy, and that's where Tree Tenders come in.

During the early 1990s, city budget constraints in Philadelphia meant that regular tree maintenance, such as removal of dead or dying trees, pruning, and replacement of trees, was put on the back burner. Without adequate care, the average life expectancy for city street trees was under 10 years. "It seemed like the right time to get the community involved," says Mindy.



With a grant from the William Penn Foundation, PHS's Philadelphia Green program launched a pilot project in 1993. Each new Tree Tender group—a minimum of four people—completes 12 hours of training, which includes tree biology and identification, planting, "pit care," and pruning. Each group also learns how to recruit volunteers, build a strong organization, and raise funds for their own projects. "The goal is to make each group as self-sufficient as possible," Mindy notes.

About 40 people, or seven groups, showed up for the first Tree Tenders training class. Today, there are 82 active Tree Tenders groups caring for trees throughout Philadelphia, with new Tree Tenders completing training each spring and fall. Graduates of the training receive an official card that identifies them as Tree Tenders, "endorsed by the City of Philadelphia's Fairmount Park Commission and permitted to care for and prune trees throughout the city."

From the beginning, the Tree Tenders project was conceived as a partnership with the

"The act of caring for trees has helped bring our community together."

—Susan Petrone

Fairmount Park Commission, the city agency that has jurisdiction over street trees. Over the years, the project has won the city's full support. Since late 1997, Philadelphia has made more funds available for tree planting and maintenance. And when it comes to free street trees, Tree Tenders now get first priority. This year, for the first time, the Fairmount Park Commission will donate 220 trees to active Tree Tender groups and has already promised a similar donation next year.

"It was an easy decision," says Jim Donaghy, director of operations and landscape management for the Fairmount Park Commission. "What better way to distribute new trees than to place them with trained and committed people. You know the trees will be cared for."

Gus Jardel has seen firsthand the positive impact that the Tree Tenders have had in Philadelphia. A Fairmount Park arborist for over 18 years, Gus admits he was skeptical at first about what volunteers could actually accomplish, but now, he says he's grateful for their help and confident in their abilities. Gus often participates in trainings, and he is impressed with the Tree Tenders' commitment. He often sees people coming back for additional workshops (he calls them "repeat offenders"). "I know it's not just for the free pizza," he says wryly.

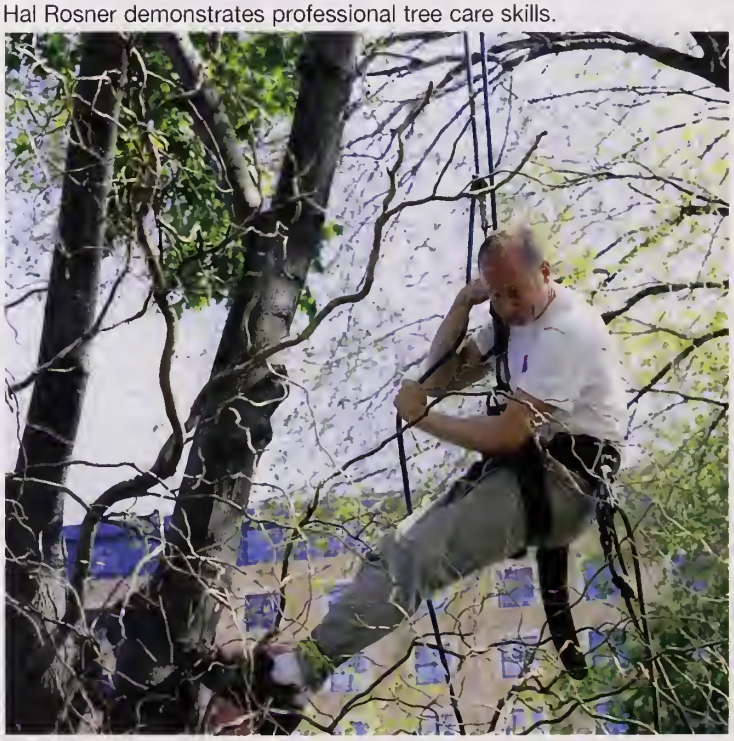
Aside from championing the environmental benefits of urban trees, the Tree Tenders project is equally valuable for the way it seems to spark a new sense of community. "Ultimately, the goal of the project is to get people to work together to improve their quality of life," says Mindy, a former social worker. "To me, success is when a Tree Tender group becomes inspired and finds new ways to make their neighborhood better."

Indeed, Tree Tenders often get involved in other beautification projects. In the city's Oak Lane section, Charles Phillips has been leading a group of Tree Tenders for about six years. All in all, the group has planted about 112 trees.

"It's been a really great thing for our neighborhood," says Charles. After planting trees at the local library, the Oak Lane Tree Tenders and a library gardening group began working together to plant flowers and trees in other public places. Charles is now trying to convince business owners in Oak Lane's commercial areas to plant trees in front of their buildings.

Susan Petrone, who leads a small group called the South Philadelphia Tree Tenders, adds that tree tending can have unexpected benefits. "To use a fitting metaphor—it's really taken root in our neighborhood," she says. She sees more and more flower boxes and planters appearing in front of homes. When Peter Verrecchia, a member of Susan's group, planted 10 trees in Columbus Square Park in the neighborhood, he was able to round up new volunteers to help mulch and take care of them. The city then provided funds for a new park maintenance building.

Hal Rosner demonstrates professional tree care skills.



But most importantly, according to Susan, "The act of caring for trees has helped bring our community together. Neighbors are getting to know each other and building relationships or re-establishing old ones. The longer I do this, I realize that that is what it's really all about. The beauty is icing on the cake." (Still, 150 trees in the neighborhood in the past five years—that's a lot of beauty.)

Charles, too, says tree tending has created stronger neighborhood



Willhite Seed Inc.

Superior Quality Seed
Over 400 varieties including
watermelon, cantaloupe, cucumber,
bean, corn, okra, peas, squash, etc.
Wide selection of unusual
Indian vegetable seed.
Beautiful 64-page color catalog

FREE ON REQUEST.

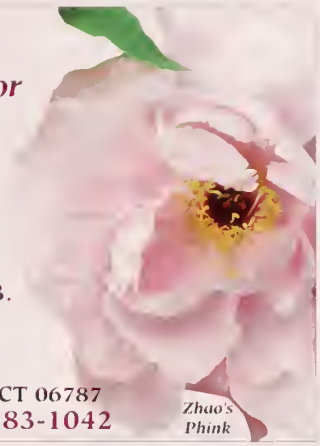
P.O. Box 23, Poolville, TX 76487
817-599-8656 • www.willhiteseed.com
HC

Chinese Tree Peonies

Plant These Antique Flowers This Fall for Spring Splendor!

See them in bloom and understand why gardeners through the centuries have loved them. Our 45 min. video, *A Stroll Through Peony Heaven*, is a personal tour of our garden in bloom with a history of the tree peony and plant care from spring to fall. $29.99 postpaid. Visit our website or write for our **catalog -$3.**

Order now for to reserve for Fall planting!



Cricket Hill Garden
670 Walnut Hill Road, Dept. GS, Thomaston, CT 06787
Shop online: www.treepeony.com • tel. 860-283-1042

distinctive. floral. design.



LeRoy's
FLOWERS

16 N. York Rd
Hatboro PA 19040
215-674-0450

PHS membership card honored

Visit us on the web at www.leroysflowers.com

AMERICAN PHILOSOPHICAL SOCIETY
Scholarly Publishing since 1771

"Forget not Mee & My Garden..."

SELECTED LETTERS, 1725–1768 OF PETER COLLINSON, F.R.S.

Edited and with an Introduction by Alan W. Armstrong

"Forget not Mee & My Garden. . .," Peter Collinson wrote his Maryland friend George Robins in 1721. "If you have any Shells, Curious Stones, or any other Naturall Curiosity Remember Mee." Armstrong describes Collinson's correspondence as "vigorous, brisk, and emphatic." This selection of 187 letters is enhanced with over 120 illustrations, some by Mark Catesby, Georg Dionysius Ehret, William Bartram, many in color. The edition contains notes and commentary for most letters.

Memoirs of the American Philosophical Society, Vol. 241 Cloth ISBN: 0-87169-241-4 $60

Contact: American Philosophical Society, P.O. Box 481, Canton, MA 02021-0481 (tel: 800-821-7823; fax: 781-828-8915; e-mail: acadsvc@aol.com).
Prepaid orders are postage free; foreign orders, add $6.00 postage/handling. Checks must be drawn on U.S. Banks. Visa/MasterCard accepted.

THUJA X 'GREEN GIANT'

Replacement Tree for New England's Dying Hemlocks









- New US National Arboretum plant
- Pennsylvania Gold Medal Plant Award 1998
- Tough, Fragrant, Tall, Narrow Pyramidal Evergreen
- Deer, Bagworm & Disease Resistant
- Fast Growing, 3' - 5'/Year
- Zone 5-8
- Excellent Alternative To Leyland Cypress
- We Ship All Year

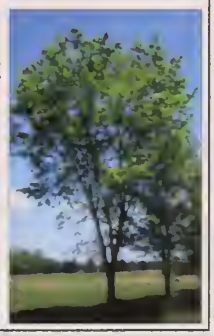
The obave pictures were taken at the US Notional Arboretum in Woshington D.C. in August af 2001. When plonted in the foll of 1998, they were 3 feet toll and plonted on 6 1/2 foot centers. They grew 3 feet the first yeor (1999), ond ore now 10 to 12 feet toll. It can be trimmed ta ony height or width to creote the ultimote naturol ar formol hedge.

"The Thujo Green Gionts ore the toughest, diseose, insect, deer ond ice resistont evergreen I have ever used. I am 6' tall with o 6' orm spon, so you con see the height ta width ratia af these trees."
- Mike Shade

www.botanyshop.com
Many pictures on our web site!
Plants 7in. - 2ft. tall, $3.00 to $20.00 each
Botany Shop - Joplin, Missouri
PHONE: (888) 855-3300

Valley Forge American Elm

- The Most D.E.D (Dutch Elm Disease) Resistant American Elm Ever Tested
- New U.S.D.A Release
- No Secrets or Patents
- Anyone Can Easily Propagate, Grow or Resell this Great American Tree
- We Give a 15 Year D.E.D. Guarantee



www.botanyshop.com

ties. "Two neighbors, who had been feuding over their back fence for many years, both got involved with the Tree Tenders. Before long, they became almost like long-lost brothers," he told me. "Another woman, a resident for 15 years whom no one knew, showed up for a group walk to observe trees in our neighborhood. Her husband, however, is confined to a wheelchair. Does our group meet in an accessible place? Well, no. So she volunteered her house for our next meeting."

Often, Tree Tender projects nicely dovetail with other Philadelphia Green initiatives. Many Tree Tenders are also community gardeners, park volunteers, or are involved in caring for public landscapes, and their efforts overlap and complement each other. For example, the Bel Arbor Tree Tenders, in South Philadelphia's Bella Vista neighborhood, created an urban tree farm on an empty lot in 1995, and Philadelphia Green planted nearly 1,000 saplings there for transplanting on city streets.

The Tree Tenders project benefits from strong partnerships with several other organizations. Some help with training, donate trees, or provide funding. Julianne Schieffer, an arborist with the Penn State Urban Forestry Program, has been an important partner from the very beginning. "Tree Tenders is the best vehicle for working with citizens who really care about trees." She says. "I've loved every minute of it."

Gus Jardel agrees. "I have nothing but good things to say. God only knows where we'd be without the volunteers. Every city should have some form of Tree Tenders."



John Gannon

To learn more about forming a Tree Tenders group, call (215) 988-8844 or email *mmaslin@pennhort.org*

PARTNERS IN THE PHS TREE TENDERS PROGRAM

- William Penn Foundation (funder)
- Penn State Urban Forestry Program
- F.A. Bartlett Tree Expert Co.
- Temple University's Department of Landscape Architecture and Horticulture
- Awbury Arboretum
- Friends Hospital
- The Pennsylvania Urban and Community Forestry Council
- The Penn State Urban Gardening Program
- W. B. Saul High School
- Abraham Lincoln High School
- The U. S. Forest Service
- The School District of Philadelphia

University of Cambridge
Summer Study Program for Adults

July 13 - 26, 2003

LEARN at the University of Cambridge with distinguished Cambridge faculty.

LIVE in residence at beautiful Downing College. Most rooms have private bath.

CURRICULUM tailored to the interests of adults who are looking for a unique educational and cultural experience.

COURSES:

- Castles and Cathedrals
- British Gardens
- Virginia Woolf
- The Elizabethan Age
- History of British Sea Power

Credit is available.

For brochure write or call . . .

Office of Cooperating Colleges
714 Sassafras St., Erie, Pennsylvania 16501
Ph. (814) 456-0757 Fax: (814) 453-5502
www.cssp.net



TREE GUARD®
DEER REPELLENT

Stop Deer From Dining At Your Home

- Ready-to-use
- Use on flowers, shrubs, and trees
- Rain-resistant
- Lasts up to 100 days

GUARANTEED no animal urine or slaughterhouse wastes

Member tested and recommended by the National Home Gardening Club

www.bucolor.com

BECKER UNDERWOOD
ISO 9001

801 Dayton Ave • Ames, IA 50010 USA • 515-232-5907 • fax 515-232-5961



HOW TO ACHIEVE A GOLD MEDAL GARDEN

Start with high performance plants from Mostardi

We stock flowers, shrubs and trees that are recommended by the Pennsylvania Horticultural Society's "Gold Medal Award" Program. They are superior plants that will provide longer-lasting beauty all around your home. Stop by today to check out our incredible collection of greenery. The colors are gorgeous. The values are exceptional. And the prices are surprisingly low for such high quality. But then, that's what you should expect from Mostardi plants. They are as good as Gold!

MOSTARDI
NURSERY

4033 West Chester Pike (Rte.3)
Newtown Square, PA 19073
610-356-8035
www.mostardi.com

DESIGNING FOR SMALL SPACES

Creating a City Row-Home Garden

by Jeff Jabco

To be successful, an outdoor living space should feel intimate, interesting and private, as well as comfortable. Philadelphia residents Brian Foster and Ernie Seskin have achieved this at their South 17th Street row-home garden by focusing on just two specific elements of design and working within the limitations that existed on their site.

The earliest garden space at Foster/Seskin's is just eight years old and came about after they bought the late 1800s three-story home and began to renovate it. The rear yard was a meager 17 feet wide by 15 feet deep and it backed up to the rear yards of the adjoining houses and ones immediately in back. Foster and Seskin have since purchased the two adjoining houses. One is used as the office and studio of their business, Groundwork, which designs and manufactures decorative items for the home and garden, and the third property is rented.

Brian and Ernie have created a garden space that fully utilizes the three rear yards. Their challenge was to create an outdoor living space that was interesting year-round, felt secluded from the neighbors and could take advantage of the sunlight. Light was limited because the garden was surrounded by three-story houses and the next row of houses in the rear, only 30 feet away.

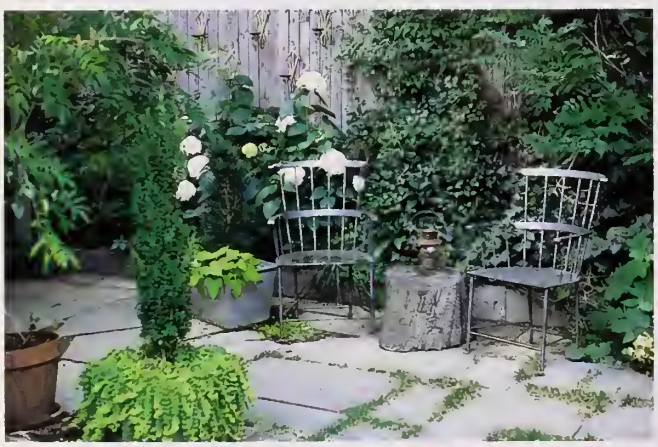
The northern end of the garden is shaded by the neighbor's large tree of heaven (*Ailanthus altissima*)—not a desirable tree but it offered some shade and didn't block the southern sun from reaching the rest of the garden. In designing the garden, Brian and Ernie wanted to create a space that could exist with these limitations. They achieved this by enclosing the combined three rear yards with six-foot-tall wooden stockade fencing and extending the height 2 1/2 feet by adding an open trellis on top.

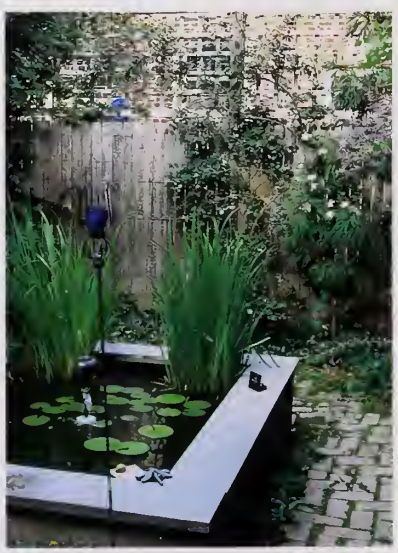
They draped the fence with English ivy, Virginia creeper, a climbing rose (*Rosa* 'New Dawn'), climbing hydrangea, trumpet creeper and several clematis. The fence is not completely covered, and vines are kept managed so that each has its space and is encouraged to fill in the open trellis on top. By planting around the perimeter, they created an open area in the center where chairs can be placed for casual entertaining or a table set up for evening dinners.

Brian and Ernie live on the second and third floors of the middle house while the first floor is rented, so one first sees this garden from above and then descends into the space surrounded by the lushness of the perimeter plantings and the vines on the fence. Bluestone paving, most of which was salvaged from an old estate, pulls the space together. Its neutral gray color complements the weathered wooden fence and the plantings. The perimeter plantings, such as boxwood, were selected to emphasize texture. Other plants include oakleaf and 'Annabelle' hydrangeas (large leaves, big flowers, coarse texture), *Carex* groundcover (thin, linear leaves, fine texture) and a purple-flowered wisteria (weeping form with fine texture) trained into an overhead "umbrella."

Yellow flag iris (*Iris pseudacorus*), with its vertical swords of leaves, grows in the ornamental pool of the rented house. Numerous architectural remnants and antique garden ornaments give this garden its own personality. As Brian says, "The garden is not about flowers, but texture and architecture."

By focusing on the space, or volume, of the garden and the contrasting texture of the plants, and by understanding the limitations of the site, Brian Foster and Ernie Seskin have created an intimate and comfortable garden that elegantly unites their home and workplace.







Top left: A quiet sitting area.

Above: Tranquil pool on an adjacent property.

Left: Vines, containers and artifacts create a blissful nook.

Jeff Jabco is the director of grounds and coordinator of horticulture at the Scott Arboretum of Swarthmore College.



DEXTERITY, DURABILITY, COMFORT, STYLE



FOXGLOVES HAS IT ALL!

NEW

BLACK FOXGLOVES

Available In November:
FOXGLOVES Grip Gloves

FOXGLOVES

888-322-4450
foxglovesgardengloves.com

A Step of Faith



Choosing a new community is a big step. At PresbyHomes & Services, your step of faith will be matched by one of our own. Our residential living, assisted living and healthcare services are grounded in a faith-based commitment to provide the highest quality of care to older adults of all backgrounds and faiths. It's a commitment backed by a half-century of service.

Call today, and experience the Presby difference.

PresbyHomes & Services

A ministry to older adults by the Presbytery of Philadelphia

Rydal Park · Rosemont Presbyterian Village · Broomall Presbyterian Village
Spring Mill Presbyterian Village · Emily A. Markle Health Center · HUD Communities

Tollfree: 1.877.9PRESBY www.presbyhomes.org

Gale Nurseries Proudly Announces Their Most Recent Recognition

CLASSICAL AMERICA
PRESENTS
THE ARTHUR ROSS AWARD
TO
CHARLES H. GALE, JR.
LANDSCAPE DESIGNER
For gardens around Philadelphia
PRESENTED BY
Her Royal Highness Princess Michael of Kent



Gale Nurseries has been designing and building exquisite, award-winning garden dreamscapes for three generations. And our garden projects are as diverse as your dreams that inspire them:

- Period gardens that relate to architecture and personalities
- Natural, native plantings that create quiet, inviting areas
- Contemporary designs for a bold, exciting statement
- Older plantings refurbished, reworked and revitalized

Gale Nurseries

A Design/Build company for Period, Native and Contemporary Gardens
Charles H. Gale Jr. B.S. Ornamental Horticulture
1716 School House Road, Box 264 • Gwynedd PA 19436 • 215.699.4714 • fax 215.699.3203 • chgale@comcast.net

Old World Craftsmanship
New World Technology







Distinctive illumination for your garden.

Call for more information and our free catalog.

1-800-856-7948

Escort Lighting

51 North Elm Street
Wernersville, PA 19565
Fax: 610-670-5170



Photo: Residential, Summer 2001.

FINE GARDEN CREATIONS, INC.

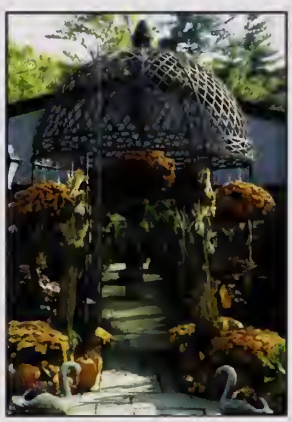
Landscape and Garden Design, Installations, and Tree Work

FINE GARDEN CREATIONS • 610-338-0630 • info@finegardencreations.com
www.finegardencreations.com

A Visit to Meadowbrook Farm

WILL DELIGHT YOUR SENSES!

An inspirational place for your home and garden...ask our experts for ideas! We offer Superior quality and an unusual selection of:



- Annuals & hanging baskets
- Trees & shrubs including Gold Medal Plants
- Perennials, native plants & alpines
- Begonias, cactus & succulents
- Statuary, fountains & decorative pots
- Garden related gifts including bonsai, troughs & topiary
- We offer tours for horticultural groups April-October. Call for more information
- 10% discount to PHS members

Meadowbrook Farm

1633 Washington Lane • Meadowbrook, PA 19046 • (215) 887-5900

One Man's Scent

GARDENING INDOORS

by Ilene Sternberg

Stephen Maciejewski, winner of multiple awards for his fancy plants at the Philadelphia Flower Show each year, is forever trying to foist his beloved *Cestrum nocturnum* babies on me. Though I appreciate his munificence, I told him I once had one of those night-blooming jessamines. Alas, the first time it flowered, detonating its miasmic "weapon" into the air, I thought I'd need to have my nostrils lanced. My cat boycotted the house for weeks until I gave away the bio-hazardous plant to a friend, along with a firm warning. (Come to think of it.... I haven't heard from that friend since.)

Although Stephen argues that it yields one of the world's loveliest scents, I claim the Latin "cestrum" and "cesspool" stem from the same root. To me the smell is overwhelming, cloying, and downright intolerable, especially indoors. One man's scent is another man's stench, I suppose. This June, while on a tour, I noticed 10 mature potted specimens of *Cestrum nocturnum* sunning themselves on the wall of a prestigious garden, so my cat and I are likely in the minority on this one.

Not only do folks have personal views of what is pleasant, each of us also has a range of what we can and cannot perceive. While I dislike the aromas of paperwhites and daphne, I can't detect freesia at all. So, I can only report on what my nose knows. Yours will assuredly have its own opinions. Some of my fragrant favorites are:

Stephanotis floribunda (Madagascar jasmine): Glossy green leaves and pristine white blooms wind vigorously around a hoop or other support. Some describe the perfume as "bubblegum" or "cherry pie." I don't taste mine. I say "plumeria."



Ilene Sternberg is an award-winning garden columnist for the *Wilmington News Journal*.

Araujia sericifera (bladder vine, cruel plant, moth catcher): Outdoors at Chanticleer, this invasive Peruvian native rapidly twines 30 feet up an arbor. Indoors it can be easily tamed by machete. Pale gray-green triangular foliage and abundant white flowers, similar to stephanotis in scent and shape.

Hoya carnosa (wax plant): Flailing vines grasp everything within reach. Water sparingly, but watch your neck upon approach. Umbels of sweet-smelling waxy flowers suspend from runners and rebloom on the same spurs year-round.

Jasminum sambac 'Maid of Orleans' (Arabian tea jasmine): Pure, clean fragrance and continuous bloom. Trouble-free.

Bouvardia longiflora (bouvardia): White tubular trumpets blare exquisite perfume nightly. Plant swoons unforgivingly if you forget to water.

Tabernaemontana divaricata (crape jasmine, carnation of India): Shiny leaves, white single or semi-double ruffly "pinwheels." Perfume intensifies at night. Mentioned in the Kama Sutra as a love plant. (Woo-woo!)

Pelargonium graveolens (rose geranium): There are many "rose geraniums." Sniff before buying. Aromatic foliage for sachets and for flavoring jellies and cakes. (Tips: Twenty-four hours ahead, wrap butter in rose geranium leaves. Also seal leaves in jar of sugar to be used for icing. Line cake pan with more leaves before baking. *Mmm-mm-m.* We'll all be over for dessert.)



Wes Richards

Pittosporum tobira (Japanese mock orange): Needs cool winter nights below 60°F for white clusters redolent of orange blossoms to bloom. Be especially wary of scale for this one, too.

And certainly beware of Maciejewski if you see him heading your way with those darned *Cestrum* things.

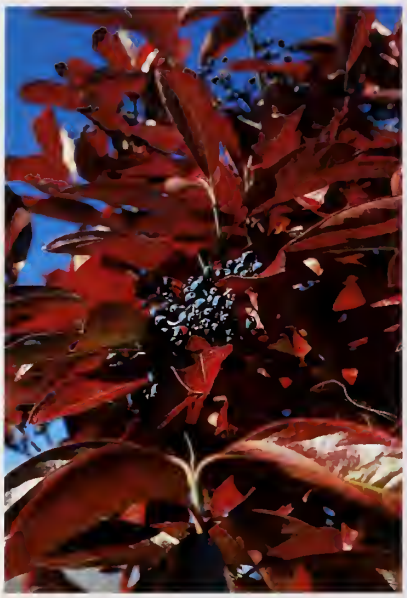
SOURCES

Plants available at local greenhouses, or by mail-order from Logee's Greenhouses, Ltd., 141 North Street, Danielson,CT 06239 (888) 330-8038 *www.logees.com*

Shrubs in the Home Landscape

Three Choices for Fall Color

by Bill Thomas



We all spend more time inside than we care to admit. Paying bills, eating, washing dishes, and brushing teeth are just some of the activities that bring us inside. That's why some of my favorite plants are just outside the most important windows.

This becomes especially apparent in autumn. After a summer of back-porch dining and being outside much of the time, I begin to move indoors with the shorter days and more frequent rains. Yet, fall color brings as much of a smile to my face as do the early flowers of spring. I don't want to miss the show just because I'm on the wrong side of a wall.

Autumn ends the growing season with a broad palette of color. Shrubs, on their own or mixed with perennials, add to the show, bringing the seasonal hues of trees down to earth. The low-angled sun of October adds dramatic backlighting.

Three of my favorite shrubs are coloring up now. Each grows outside an important window. From the kitchen (*oh*, those hours with sudsy hands), I can see *Viburnum nudum* 'Winterthur'*(left) shining with a burgundy glow. The plant was a gift from its discoverer and namer, Hal Bruce, the late garden curator at Winterthur Museum, Garden & Library. Even if it didn't have special memories associated with a great plantsman and author, I'd love this shrub's year-round performance. The leaves glisten green throughout the summer, contrasting in late June with bouquets of white flowers. Pink fruits follow, turning blue-purple just as the foliar display begins. I combine its autumn color with the peachy flowers of *Chrysanthemum* 'Sheffield Pink' and the orange-purple of the bold-textured *Hydrangea quercifolia* 'Snow Queen'*.

The view from my east-facing office window encompasses *Disanthus cercidifolius* (below). On October mornings, the sun enflames the puce, heart-shaped leaves (hence the species name, as they resemble the heart-like form of the redbud tree, *Cercis* sp.). And if I look closely at the leaf axils, I see tiny, purple witchhazel-like flowers. Through the relatively open branches, I spy *Ilex verticillata* 'Winter Red'* berries, shimmering red in contrast to both the purple leaves of the *Disanthus* and the greenish yellow leaves of the winterberry. Beyond that, New England asters continue the purple theme. One warning about *Disanthus*: it requires ample moisture but good drainage. Don't let it dry out.



The brilliant purples and oranges of fall require a red pigment, which only develops in the presence of light. The above shrubs will grow in sun or shade, but perform best in light shade. Heavy shade brings disappointing color, while full sun may result in drought stress.

What if these plants aren't in front of your favorite windows? Cut the branches and bring them inside. Use heavy vases or ones filled with pebbles so the top-heavy branches don't pull them over. Umbrella stands work great. Just as in the garden, these branches combine beautifully with autumn flowers such as asters, chrysanthemums, and *Cimicifuga*. After all, enjoyment of the garden shouldn't end when you walk inside.

* Pennsylvania Horticultural Society Gold Medal Plant Award winner

SOURCES:

Fairweather Gardens,
P.O. Box 330
Greenwich, NJ 08323
(856) 451-6261
www.fairweathergardens.com

Forestfarm,
990 Tetherow Road
Williams, OR 97544-9599
(541) 846-7269
www.forestfarm.com

Gossler Farms Nursery
1200 Weaver Rd.
Springfield, OR 97478
(541) 746-3922

Roslyn Nursery
211 Burrs Lane,
Dix Hills, NY 11746
(631) 643-9347
www.roslynnursery.com

We-Du Nurseries
2055 Polly Spout Road
Marion, NC 28752
(828) 738-8300
www.we-du.com

Woodlanders, Inc.
1128 Colleton Avenue
Aiken, SC 29801
(803) 648-7522
www.woodlanders.net

Bill Thomas is research horticulturist at Longwood Gardens and lives in Kennett Square, PA.

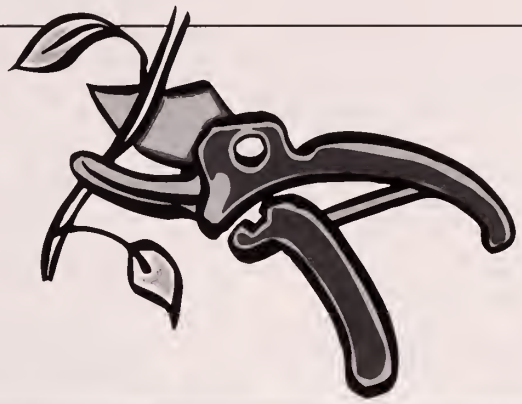


C.S. Heal
FARM MARKET

- Growers of Premier Garden Plants including Annuals, Perennials, Proven Winners & Garden Dahlias.
- Propagators of Zonal Geraniums.
- New Guinea Impatiens
- Hanging Baskets
- Growers of Holiday & Garden Plants
- Combination Garden Baskets

Charles S Heal Jr. & Eric Heal

visit us on the web @
www.cshealmarket.com
1607 Salem Rd.
Burlington Twp. NJ
(609)386-9422 Fax: (609)386-9635
OPEN DAILY!
Mon.–Fri. 9–5:30, Sat. & Sun. 9–5



PRUNING PROBLEMS ?

Please visit my website for all your pruning questions at:

www.pruningmatters123.com

or fax your questions to me, Fran West at:

410-332-0270

I specialize in pruning shrubs and small trees.

Shelley Picker



Watercolors



Florals, Landscapes
Commissions accepted

phone: 610.668.1185
online gallery: www.shelleypicker.com

Touring the Gardens of Europe

with Lucas & Randall

Discover Europe's finest gardens and a rich variety of cultural and historic sites. First-class touring at a civilized pace with a small group. A unique and memorable experience.

Villas and Gardens of Italy
England's Garden Heritage
Châteaux and Gardens of France
Treasures and Gardens of Spain
Holland in Springtime

Please call for a brochure
800•505•2505
www.lucasandrandall.com



Professional Landscape Gardeners — *Design, Installation & Maintenance*

All Seasoned Gardeners
Just-N-Time Farm
6776 Upper York Road, Solebury, Pa 18963
(215) 862-5153

ANNUAL CHRISTMAS HOLIDAY OPEN

NOVEMBER 30th & DECEMBER 1st • DECEMBER 6th & 7th
PHS MEMBERS DISCOUNT ACCEPTED

The grounds and displays are exceptional this year to inspire Christmas spirit.

Creative wreaths, garlands & containers are purchasable displays.

Offering naturals, unique greens, fresh cut botanicals & herbals.

Uncommon hardgoods and statuary will also be available to purchase.

Let us help you decorate your home inside and outside for this holiday season.

Our holiday classes this year are -
Outside Holiday Containers, Specialty Lighting for Display & Williamsburg Decoration

Classifieds

ANTIQUE BOOKS

RARE & PREVIOUSLY OWNED BOOKS ON HORTICULTURE & BOTANICAL PRINTS
- Bought and Sold
Polly Goldstein
37 Lochwood Ln.
West Chester, PA 19380
(610) 436-9796
E-mail: *GrannyPol@aol.com*

EMPLOYMENT OPPORTUNITY

Display, Propagation, Enthusiast
Fax Resume to: 302-656-3375

GARDEN SHOPS

MARANO GARDENS, LLC
(formerly Fort Washington Garden Mart)
A family owned garden center serving area since 1960, offering an extensive selection of plants and containers.
• Beautiful hanging baskets, mixed garden containers.
• Dwarf conifers and alpine troughs.
• Culinary and medicinal herbs.
• Cutting edge annuals, tropicals and perennials, including the Beds & Borders line.
• Ornamental trees and shrubs, emphasizing native varieties and PHS Gold Medal winners.
MARANO GARDENS, LLC
488 Bethlehem Pike
Ft. Washington, PA 19034
215-646-3336
Minutes north of Chestnut Hill, or 4 miles from the Blue Route.

BONSELL'S NURSERY
Growers of high quality trees, shrubs, and perennials.
• Large Selection.
• Reasonable Prices.
• PHS Gold Medal Plants.
Trees for small yards. Including
Forest Pansy Redbud
Paperbark Maple,
Golden Larch, Sourwood,
and many more.
Conveniently located near 309 & the PA turnpike.
Open Mon-Sat 9-5.
1245 Fort Washington Ave.
Fort Washington, PA
215-643-2418

GARDEN ROAD GREENHOUSE
Unusual annuals, 500 Varieties perennials and flowering shrubs, Herbs, Roses, Combination baskets, and Containers. Take Rt. 55 South to Exit 35B, 60 West 3 miles to:
402 Garden Road
Pittsgrove, NJ
856-358-3032

GARDEN STRUCTURES

HANDCRAFTED IRON GARDEN STRUCTURES
Arbors, Trellises, & Gates
in the tradition of elegance,
beauty and permanence.
Full Color Catalog $5
The Painted Garden, Inc.
304 Edge Hill Road
Glenside, PA 19038
(215) 884-7378

HERITAGE STONE & MARBLE
We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.
FLAGSTONE, BRICK-patios and walkways, COBBLESTONE-edging and paving, STONE walls, RETAINING walls, MARBLE, GRANITE-floors, walls, countertops.
(215) 699-5611 **Upper Gwynedd, Pa.**

WROUGHT IRON REVIVALS
Specializing in outdoor furniture refinishing. Let us store and restore your heirlooms over the winter.
610-941-3508
Conshohocken, PA
(Free pick up and delivery)

GREENHOUSE CONSTRUCTION
Sales and Service
Janco, Lord & Burnham and more.
Call Robert J. LaRouche at
Glass Enclosures Unlimited
(610) 687-2444

THE SUNWORKS CORPORATION
• Greenhouse Sales: Residential, Commercial and Institutional.
• Installations: Of greenhouses from any manufacturer, shading and ventilation systems.
• Maintenance: Reglazing, reskinning, painting, cleaning. Emergency repairs.
Call **(302) 655-5772**, ask for John Klein

GARLIC

Grow your own Garlic! Organic planting stock, growing tips, and prepared garlic foods. Secure online ordering at www.TheGarlicStore.com.

LANDSCAPE DESIGN

S. Edgar David and Associates
Landscape Architects
Site Planning and Garden Design

Winners of the ASLA Pa/Del Chapter 2001 and 2002 Honor Awards

Transforming the landscape with innovative solutions

Member ASLA
Registered Landscape Architects

Design Studio **610-584-5941**

Burke Brothers
Landscape Contractors, Inc.
A PROFESSIONAL DESIGN/BUILD FIRM
Experts in Landscape Renovation, Naturalistic and Classic Formal Gardens. Landscape Construction, Unique Patios, Terraces, Creative Stone Work, and Landscape Lighting. Major Award Winning Exhibitor Philadelphia Flower Show.
610.520.2025 215.887.1773
www.burkebrothers.com

LINDA CORSON
LANDSCAPE DESIGN

•Consulting
•Plans
•Supervision

Registered Landscape Architect
Member ASLA **215-247-5619**

Environmental Landscape Associates, Inc.
• Landscape Architects & Contractors
• Formal/Period/Naturalistic Gardens
• Creating outdoor living spaces of distinction
• Master Plans/Phased projects
• Let us make your desires become reality
P.O. Box 2191 Doylestown, PA 18901
Toll Free: 1-800-ELA-9252

CLASSIFIED RATES

BASE RATE$3.00 per word (without formatting)

FORMATTED WORDS$5.00 (ex. **Bold**, *Italic or ALL CAPS*)

MINIMUM CHARGE$60.00

DISCOUNT.....10% off the second consecutive ad, using the same copy

DEADLINES

February Issue *(by December 1)*
April Issue *(by February 1)*
June Issue *(by April 1)*
August Issue *(by June 1)*
October Issue *(by August 1)*
December Issue *(by October 1)*

PLEASE NOTE: *Green Scene* does not guarantee advertisement position, and we reserve the right to edit copy to fit available space. *Green Scene* ads are scheduled on a first come, first serve basis until space is filled for a particular issue.

Please calculate your ad cost based on number and formatting of words, and enclose a check along with your copy (call for assistance). *Green Scene* will bill any difference or credit upon publication of your advertisement. If your new ad arrives very close to deadline, we may deposit your check until ad is scheduled. If we can't schedule your ad, your check will be returned. **Make checks payable to the Pennsylvania Horticultural Society.**

Send all advertising correspondence to: Laurie Fitzpatrick, *Green Scene*, The Pennsylvania Horticultural Society, 100 N. 20th Street, 5th Floor, Philadelphia, PA 19103 -1495. If you have any questions, please call (215) 988-8769.

David Brothers Landscape Services
Bean Road Nursery
Architects, Builders and Nurserymen
Providing the Fine Art of Garden
Construction and Landscape Restoration
(215) 247-2992 (610) 584-1550 (610) 525-3232

DONALD PELL GARDEN SERVICES
Creating & maintaining gardens with expert horticultural craftsmanship.
View our portfolio of landscape designs online at www.donaldpell.com or call 610.917.1385 for a brochure and consultation.

LANDSCAPE MAINTENANCE

ANDREW C. BECK
LANDSCAPE MAINTENANCE

A Dependable Source for All Your Landscape Needs.

Serving CHESTNUT HILL & MONTGOMERY COUNTY

- Lawn Mowing
- Garden Care, Mulching, Planting
- Tree & Shrub Pruning
- Organic Fertilization & Aeration
- Spring & Fall Clean up
- Property Management

Insured References
215-233-9401

LARGE SPECIMEN HOLLIES

APPLES - PEARS - HONEY - HOME MADE PRESERVES
Christmas Trees
Cut When You Come
Indian Orchards, Media PA
610-565-8387

LECTURE SERIES

Garden Lecture Series at the Radnor Hotel
Second Wednesday of each month from 6 to 8 PM. Price: $15.00, includes wines and hors d'oeuvres. For reservations call: 610-341-3192.

August 14: Butterflies in the Garden, Meg Barrett
September 11, Organic Gardening, Craig Strimel
October 9, Hedgleigh Spring: 100 Years in a Family Garden, Charles Cresson
November 13, Crossing the Herbaceous Border, Chris Woods
December 11, Christmas Decorations, Jean Stahl

For more information: www.radnorhotel.com

MULCH

PINE NEEDLE MULCH
Won't change soil pH • Wholesale and retail
FLOWERS BY THE YARD
610-701-9283
renee52@erols.com

OVERSEAS TOURS

SPAIN!!
Hike/Cycle 2003
March 17 - 26 • April 22 - 30 • May 19 - 27
Mediterranean Plants, Breathtaking Scenery, Small Group, Hospitable Environment
800-649-9970; 215-735-7869
WWW.CYCLESPANIA.COM

RESTORATION

REED'S WOODS, INC.
QUALITY WORK AT A FAIR PRICE
Custom Builder, Restorations, Remodeling
Greenhouses, Springhouse Restorations
Decks, Carpentry & Landscape Structures
Jamie Reed
2125 Bodine Road
Malvern, PA 19355
(610) 827-9663

TREE SERVICE

TREE TRANSFERS, INC.
Large Tree Transplanting and Sales
Machine and Specialized Hand Digging
Dealers and Locators of Large Horticultural Specimens
Mature Screening and Shade Trees
Assessing and Renovating Mature Collection and Estate Gardens
Plant Material Purchased
(215) 635-2310

Tree Transplanting & Sales
- Machine & hand digging
- Supply & install specimen plants
- Locate/Purchase mature trees
- Why Wait for mother nature?

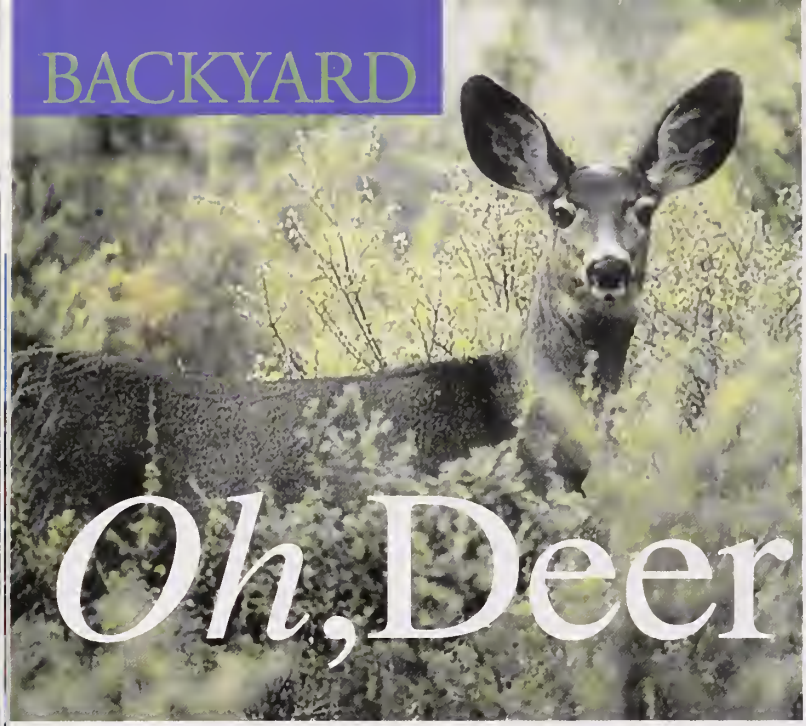
Environmental Landscape Associates, Inc.
P.O. Box 2191 Doylestown, PA 18901
Toll Free: 1-800-ELA-9252

UNUSUAL SPECIMENS

HOSTA
Over 100 varieties
Assorted perennials,
Ferns, shade plants.

Michael's Country Nursery
165 Tuckertown Road
Medford, NJ
856-983-6512

RARE & UNUSUAL PLANTS
• Specimen plants • Pond plants • Bonsai
• Orchids • Hardy cacti • Tropicals
• Sculptured trees and shrubs • Perennials
• Unique Flower and gift shop.
MUTSCHLERS' FLORIST & RARE PLANTS
1-800-242-9438
www.mutschlers.com



Oh, Deer

by Patricia A. Taylor

Gardeners with deer problems are boring. They whine incessantly about yet another plant that has been devoured, about spraying to no avail with all sorts of unmentionable things, and about hunkering down behind fences and adopting fortress mentalities.

And now I find myself doing just that and am often astounded to hear those same cranky words pouring out of my mouth.

The first deer arrived about three years ago in the form of an occasional buck or doe casually walking down my in-town street. At the time I was more concerned about the startling increase in rabbit population and the subsequent vegetation devastation. During the millennial winter, there was a doe and three fawns, and that, of course, was a sign that gardening as I once had known it was at an end. This sign was confirmed the winter of 2001-02, when six deer periodically browsed whatever they could find on my street.

I now understand that gardeners with deer problems view horticultural activities from an entirely different perspective than that displayed in magazines and books. When we deer-afflicted gardeners look at printed spreads of lush borders, we suspect that there is either a sharp-shooter hiding behind a hedge or else the local deer herd hasn't heard about this garden...*yet.*

We also know that the concept of using native plants to attract wildlife—in other words, to go back to the past when flora and fauna were in an ecological equilibrium—is not the answer. Here in New Jersey, for example, we don't want wolves and foxes on our streets or in our backyards, and, as a consequence, there is no check on the rabbits eating the native New Jersey tea shrub (*Ceanothus americanus*) to extinction. Likewise, deer calmly demolish dwarf fothergillias (*F. gardenii*) and dwarf red osier dogwoods (*Cornus sericea*). Maybe wolves aren't such a bad idea after all.

Deer herds also affect our horticultural buying habits. I now look at a plant and think: does the price justify having a deer eat it within a few weeks? Picking and choosing by genus, I have found, is useless. To date, *Heuchera sanguina*, *H. cylindrica*, and purple-toned *H. villosa* cultivars and hybrids have flourished untouched by either deer or rabbits. At the same time, a new *H. villosa* cultivar known as 'Autumn Bride'—which features warm green leaves and abundant sprays of creamy white flowers in September—has been chewed to the ground.

I can't help but think how gardens first started: as enclosed spaces in the homes of wealthy Persians thousands of years ago. I now understand better why those gardens were enclosed and kept close to living quarters.

Still, there's a part of me that has yet to give up. While much of the joy of gardening has been eaten away, there is still the challenge of creating an uneaten, aesthetically pleasing display in an open space. I'm learning a lot about salvias and scutellarias, sumacs and spicebushes, and other aromatic plants that are pretty, yet distasteful to deer and other munchers.

Yet, as I plant anew in places where hostas, tulips, daylilies, and stokesias once flourished, I do so with a wistfulness rather than an eagerness to try new plants. And so I have come to realize that, behind the boring crankiness of gardeners with deer problems, there is something of an ineffable sadness.

10 Deer-Resistant Plants to Know

- **Apricot sprite** (*Agastache aurantiaca* cultivar), perennial with apricot flowers late spring into fall.
- **Nodding onion** (*Allium cernuum*), bulb with white to purple flowers in mid-summer.
- **Spicebush** (*Lindera benzoin*), shrub with red berries and yellow fall foliage.
- **Petite delight** (*Monarda* hybrid), dwarf perennial with lavender pink summer flowers.
- **Mountain lover** (*Paxistima canbyi*), dwarf evergreen shrub.
- **Mountain mint** (*Pycnanthemum hyssopifolium*), perennial with white summer flowers.
- **Fragrant sumac** (*Rhus aromatica* 'Gro-low'), shrub with orange to scarlet-red fall foliage.
- **Wild petunia** (*Ruellia* species), perennials with lavender flowers in July and August.
- **White sage** (*Salvia greggii* 'Alba'), shrub with white flowers late spring into fall.
- **Scutellaria** (*S. incana*), perennial with sky blue flowers throughout summer.

Shoppe by Mail



A.
Tie one on! PHS ties that bloom all year. Printed on silk jacquard.
A-1 Floral
A-2 Blue squares
Gift boxed. $35
(member price $27)

Proceeds from the sale of these products benefit The Pennsylvania Horticultural Society's programs, including Philadelphia Green, the nation's most comprehensive urban greening program.



B.
The flower garland scarf. 36" square, 100% silk satin. Cream ground, multi colours work with all apparel. Gift boxed. $68 (member price $60)



C.
Perfect accent! PHS oblong silk satin chiffon scarf with Victorian bouquets. Citron green, 58" x 11" Gift boxed. $30 (member price $27)



D.
Celebrate with us! PHS 175th Anniversary commemorative plate. 10" cream with gold. Gift boxed. $35 incl. tax (member price $31.50)



E.
Café latté? PHS mural mug. 14 oz., ceramic. $13 incl. tax (member price $11.70)

PHS Shoppe
Pennsylvania Horticultural Society

100 North 20th Street - 5th floor, Philadelphia, PA 19103-1495

To order by phone, call 215-988-1613 • To order by fax: 215-988-8783

Name _____ Address _____

City _____ State _____ Zip _____ Phone (day) _____

Member ID# _____

Email _____

PAYMENT INFORMATION

❒ Check or money order, payable to PHS

❒ Visa ❒ Mastercard

Card # _____

Exp. Date _____/_____

Cardholder Name _____

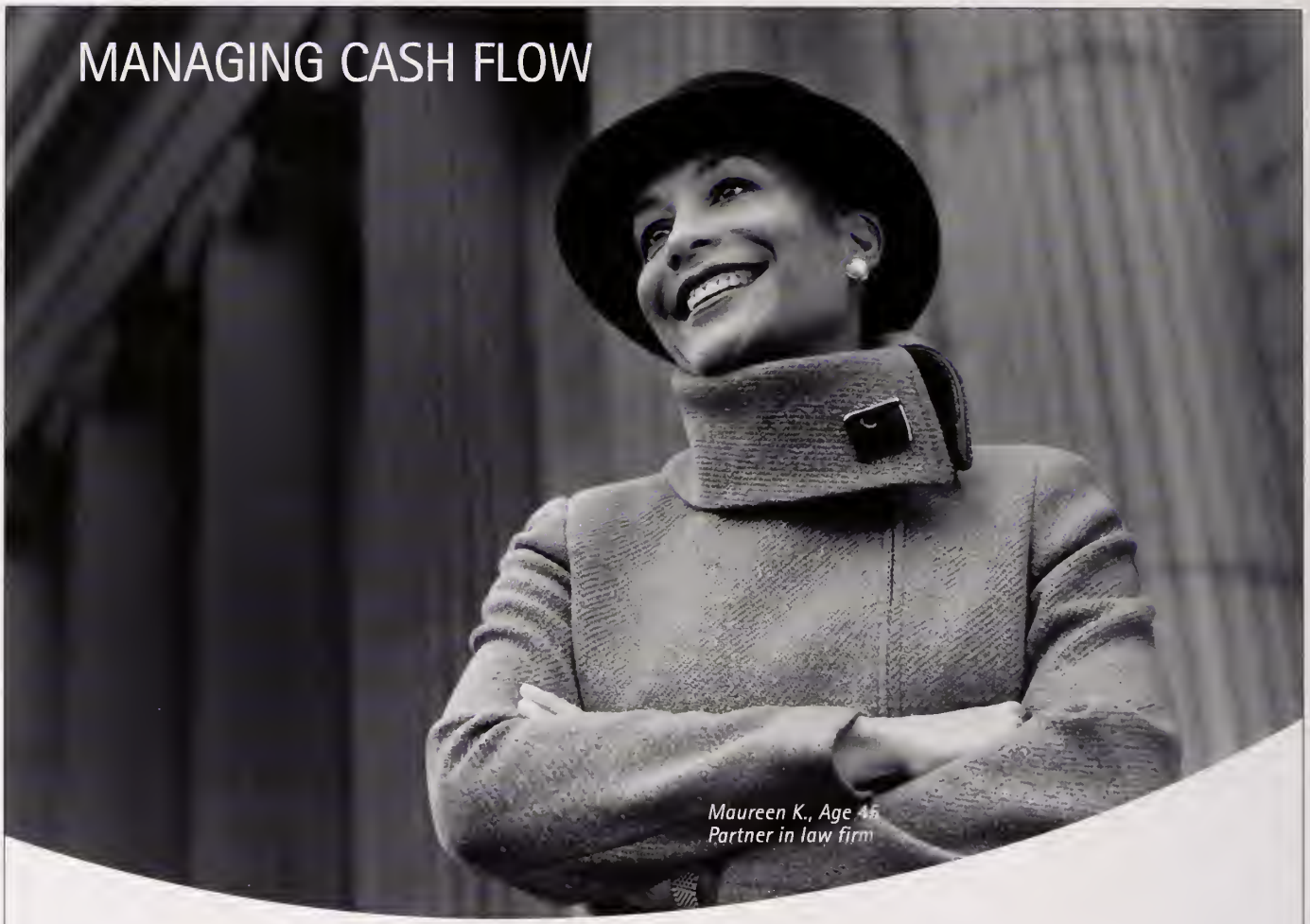
Signature _____

Thank you for your support of PHS!

Item #	Quantity	Item Description	Item Price	Total

Shipping/Handling		
Up to $25	..$5	
$25.01-$35	$6	
$35.01-$50	$7	
$50.01-$75	$9	
$75.01-$100	$10	
$100.01-$150	$12	
over $150	10% of sale	

Total Merchandise	
Standard Shipping *(see chart to left)*	
Fed Ex - call for charge Additional Shipping Charges	
Total	



THE DIFFERENCE BETWEEN SUCCESS AND WEALTH? IT COULD BE THE UNIQUE THINKING OF PNC ADVISORS.

As one of the largest wealth managers in the country, we are particularly adept at addressing the specialized needs of successful women professionals to enhance and preserve wealth. Local experts, who live and work where you do, deliver wealth management solutions that are customized to your unique situation.

Call 215-585-5438 today for more information about PNC Advisors' Women's Financial Services Network or for a complimentary wealth management consultation.

PNC ADVISORS

Women's Financial Services Network

The person pictured is for illustrative purposes only. PNC Advisors is a service mark of The PNC Financial Services Group, Inc., which is used in the provision of investment management, fiduciary and certain banking services by PNC Bank, N.A. and PNC Bank, Delaware. **Members FDIC**. PNC Advisors does not provide legal, tax or accounting advice.

Investments: Not FDIC Insured. No Bank Guarantee. May Lose Value.

www.pncadvisors.com

18 27
THE PENNSYLVANIA HORTICULTURAL SOCIETY

GREEN scene

DECEMBER 2002 • $5.00



The Pennsylvania Horticultural Society's 175th Anniversary

Looking for creative & unique landscaping?











J. Franklin Styer Nurseries

1890

Go to the experts & see the difference!

LANDSCAPE & DESIGN SERVICES

Design • Installation • Maintenance • Residential • Commercial

Registered Landscape Architects & Designers

914 Baltimore Pike, Concordville, PA 19331

610.459.2400 • www.styers.com



Photo: Residential, Winter 2001.

Fine Garden Creations, Inc.

Landscape and Garden Design, Installations, and Tree Work

FINE GARDEN CREATIONS • 610-338-0630 • info@finegardencreations.com
www.finegardencreations.com

Cathedral Village

23 Years of Achievement

And Still Growing!

New and Innovative changes are taking place at Cathedral Village to accommodate the growth of our retirement community and the educational and cultural interests of our residents.

Townhouses... Construction of another sixteen beautifully-appointed, single-story Townhouses featuring a spacious two-bedroom/two-bath design... an enclosed sunroom, skylights... and many other amenities for your enjoyment.

Atrium Dining Room... An additional distinctive Dining Room overlooking our beautiful grounds and adjacent to the Fireside Cafe´ which will allow sixty more residents and guests to enjoy Chef Lachman's wonderful meals.

Village College Classrooms... Four additional Classrooms to accommodate our growing Village College... where the diverse faculty, residents who are educators and business leaders, etc. ... and the students, residents who love the challenge of learning... pursue education in an environment where there are no tests to take or to grade.

An Art Studio... A completely unique Studio with plenty of artist-preferred natural light... designed for professional artists as well as for those just starting in the Village College art classes... *plus* a separate Ceramics Studio!

More Value Than Ever Before... in our community that continues to set standards for innovative leadership and for providing the highest level of care and services possible.

Visit us Monday through Friday between 9 a.m. and 4 p.m.
Appointments are encouraged for weekdays and are necessary on weekends.

Cathedral Village

A Nonprofit, Nondenominational CCRC

600 East Cathedral Road, Philadelphia, Pennsylvania 19128
(215) 984-8622 Website: www.cathedralvillage.com

Equal Housing Opportunity

Affiliated with the Jefferson Health System

Contents

FEATURES

8 Since 1827....
Join Liz Ball on a 175-year journey through our past, as she uncovers arcane nuggets of Pennsylvania Horticultural Society history. Who went to the first members' meeting? Who was James Boyd? And how did PHS get control of the Flower Show? All these questions and more are answered in this fascinating article.

16 Artful Artifacts
See classic mementos from PHS's past, including medals, posters, photos, rare letters and more. Many of these items have been carefully archived in PHS's McLean Library and were brought out just for this special photo essay...some for the first time in decades!

22 The Flower Show's "Big Move"
After many years at the Civic Center, the Philadelphia Flower Show made an epic move to the Pennsylvania Convention Center in 1996. Hear from designer Ed Lindemann and others about the behind-the-scenes intrigues during this important move and how it served to usher in the modern-day Flower Show, now recognized as the biggest indoor flower show in the world.

30 A Salute to Philadelphia Green
No celebration of PHS would be complete without a look at our Philadelphia Green program, which has been helping keep the city green and beautiful for nearly 30 years. As a bonus, we're included a colorful photographic section on the creative artwork that can be found in many parks, neighborhoods, and community gardens throughout our metropolis.

COLUMNS

38 Designing for Small Spaces: *Terrace Gardening*
by Jeff Jabco

41 Gardening Indoors: *Great Choices for Cold-Season Color*
by Ilene Sternberg

42 Shrubs in the Home Landscape: *Winter Wonders*
by Bill Thomas

44 Classified Ads

46 Backyard: *A Note to "Mom"*
by Jane G. Pepper

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

Cover photograph by Pete Prown

PRINTED ON RECYCLED PAPER

GREEN SCENE

Editor
Pete Prown

Associate Editor
Jane Carroll

Publications Assistant
Laurie Fitzpatrick

Art Design
Baxendells' Graphic

Publications Committee
Stephanie Cohen
Alan Detrick
Linda Detrick
Beverly Fitts
Anne Kellett, *ex officio*
Adam Levine
Jennifer Lin
Marby Sparkman
Bill Stieg
L. Wilbur Zimmerman

Printer
ALCOM Printing Group, Inc.

THE PENNSYLVANIA HORTICULTURAL SOCIETY

100 N. 20th St.
Philadelphia, PA 19103-1495
(215) 988-8800

Chair
Anne Kellett

President
Jane G. Pepper

Executive Vice President
J. Blaine Bonham, Jr.

PHS Membership Information
Linda Davis, (215) 988-8776

Display Ads
Kim Richards at Manzo Communications, (610) 527-7047 *kim4manzocomm@aol.com*

Classified Ads
Laurie Fitzpatrick, (215) 988-8769
lfitzpat@pennhort.org

Ask A Gardener Phone Line
(215) 988-8777, Monday through Friday, 9:30 to 12 *[closed in December]*
askagardener@pennhort.org

Web Site
www.pennsylvaniahorticulturalsociety.org

GREEN SCENE (USPS 955580), Volume 30, No. 5, is published bi-monthly (February, April, June, August, October, December) by The Pennsylvania Horticultural Society, a non-profit member organization at 100 N. 20th St., Philadelphia, PA 19103-1495. Single Copy: $5.00 (plus $2.00 shipping). Second-class postage paid at Philadelphia, PA 19103. **POSTMASTER**: Send address change to GREEN SCENE, 100 N. 20th St., Philadelphia, PA 19103.

© Pennsylvania Horticultural Society, 2002

GREEN SCENE subscriptions are part of the membership benefits for:
Cox Arboretum, Dayton, Ohio
Frelinghuysen Arboretum, Morristown, NJ
Horticultural Society of Maryland, Baltimore
Horticultural Society of New York
Phipps Conservatory, Inc., Pittsburgh, PA
Staten Island Botanical Garden, Inc, New York



GARRETT CHURCHILL

A LANDSCAPE DESIGN & BUILD COMPANY

- SITE DEVELOPMENT / PLANNING
- LANDSCAPE DESIGN
- LANDSCAPE CONSTRUCTION
- HORTICULTURAL SERVICES/MANAGEMENT
- LANDSCAPE LIGHTING
- AQUATIC GARDENS
- WATER FEATURES





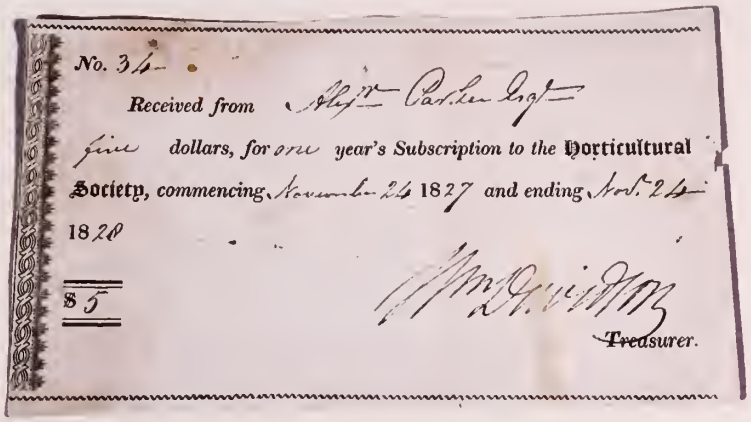
The mission of Garrett Churchill is quite simply to create an outdoor environment that allows our clients to enjoy their properties by showcasing their individual lifestyles or corporate culture. This mission is accomplished through creative design/ build services as well as enlightened horticultural and management practices.

ALCA
Associated Landscape Contractors of America

Pennsylvania Landscape & Nursery Association

ANLA
American Nursery & Landscape Association

For more information please check out our website at www.garrettchurchill.com
E-mail info@garrettchurchill.com
1509 Edge Hill Road • Abington, Pennsylvania 19001 • 215-884-3766 • Fax 215-884-3672


No. 3½

Received from Alfred Parker Esqr

five dollars, for one year's Subscription to the Horticultural Society, commencing Novemb. 24 1827 and ending Nov. 24 1828

$5

Treasurer.

PERSPECTIVES

It's one thing to commemorate the 175th anniversary of the Pennsylvania Horticultural Society and its many fine achievements, such as the Philadelphia Flower Show and the Philadelphia Green program. But it's quite another to consider the story of PHS within a historical context. There, it becomes clear just how much the world has changed since the Society's earliest days.

Off the top of one's head, the year 1827 probably doesn't mean much to most of us. However, a historian could find interesting parallel events to bring the date into perspective. As many of you know, the Society held its first meeting on November 24th of that year. John Quincy Adams was President, only the sixth leader of the fledgling country, which then included just 24 states. In addition, such figures as Ludwig von Beethoven, poet William Blake and Philadelphia art luminary Charles Willson Peale all passed away that year. It's funny to think of PHS and Beethoven in the same breath, but in a sense, they are irrevocably linked by history.

The world that gave birth to the Society was one of horse-drawn carriages, wood-burning stoves and candle-powered illumination (gas light and coal heat wouldn't be common in homes until later in the 19th century). The first steam-powered trains were just beginning to run in England and photography wouldn't be discovered until the following decade. The Industrial Revolution hadn't really reached Philadelphia just yet.

That's not to say the City of Brotherly Love was a backward province. In fact, just the opposite was true. Thanks to visionaries like Benjamin Franklin, John Bartram, and Peale (founder of the Pennsylvania Academy of the Fine Arts), Philadelphia was *the* center for science, art, and culture in the United States at the time. With that in mind, it's little wonder that a society dedicated solely to horticulture should come to fruition here.

There are other signposts in PHS history. In July 1863, America fought its most infamous battle in history at Gettysburg, Pennsylvania, a turning point in the Civil War. In our minutes from that same month, however, it was only noted that "The exhibit of [plantsman] Thomas Meehan consisted of 38 named varieties of verbena, 25 seedling carnations, nine hardy shrubs in flower, eight varieties of hardy phlox, and 20 hardy herbaceous plants."

From a modern viewpoint, it seems oddly incongruent that the Society would hold a flower exhibition while tens of thousands of men were dying a mere 140 miles to the west. Then again, perhaps it illustrates why PHS has survived so long—no matter how much turmoil exists in the world, the pursuit of horticultural knowledge always proceeds at a steady pace at PHS. That unswerving dedication is part and parcel of the Society's culture and tradition.

In September 1876, as America celebrated its centennial anniversary, PHS put on its largest Autumnal Exhibition to date. Members were introduced to new grapes, figs and "the first sour Florida oranges ever shown before the Society." Renowned seed catalog entrepreneur Robert Buist also exhibited a wide assortment of plants, from the rare South Pacific conifer, *Araucaria rulei*, to the still-popular maidenhair fern, *Adiantum raddianum* 'Gracillimum'.

At a more somber time, notes from October, 1918, near the end of World War I, nonchalantly state, "It was decided to omit the Show scheduled for November, probably because of the war."

Fifty years later, America had changed dramatically and so had the Society, but its shows were still a staple of Philadelphia's gardening culture. In 1969, the year American astronauts landed on the moon, the Philadelphia Flower Show attracted an impressive 100,000 visitors, and the Society's annual Yearbook was published in Day-Glo psychedelic colors. (Let it never be said that PHS was not *hip* in the '60s.)

Finally, as editor of this magazine, I would be remiss not to mention another special anniversary PHS is celebrating this year. In 1972, a committee led by L. Wilbur Zimmerman worked with the Society's leadership and editor Jean Byrne to create *Green Scene* for its members. For the past 30 years (not quite 175 years, but an impressive life span for any magazine), *Green Scene* has provided custom-tailored information for gardeners in the Delaware Valley.

As we look back this year and reflect on our current achievements and future goals, we can only imagine how our grandchildren's grandchildren will celebrate PHS's 350th anniversary, 175 years from now. If nothing else, let's hope folks still know how to throw a grand party in the 22nd century.

Pete Brown

email: *greenscene@pennhort.org*

A picture of "Pomona," the Roman goddess of fruit and gardens, who was PHS's symbol for many years. Here is a vintage Flower Show certificate with her image on it.



A Celebrated History

175 Years of the Pennsylvania Horticultural Society

By Liz Ball

On Saturday, November 24, 1827, a group of 53 prominent Philadelphia citizens, interested in promoting the "highly instructive and interesting science" of horticulture, formally gathered to create a new organization they named the Pennsylvania Horticultural Society. Over the ensuing 175 years, this Society—now familiarly known as PHS—has continued to pursue its original mission, renewing and reinventing itself to meet the exigencies of the times.

Throughout its long history, the Society has fiercely guarded William Penn's vision of a "greene countrie towne" by fostering an appreciation of plants, acquiring scientific knowledge about them, disseminating horticultural information, and involving the public in gardening and beautifying the city of Philadelphia.



In the Beginning

The group of citizens who met at the Franklin Institute that Saturday in 1827 envisioned a society of the sort then common in England. Many of them were well acquainted with each other, having met and socialized at M'Mahon's seed store on 2nd & Chestnut Streets, where seeds from Lewis & Clark's trip were available for study and cultivation.

At a second meeting in December the founders passed by-laws and fixed annual dues at $5, life membership at $50. Citizens (male) "of good moral character" who paid $100 could be honorary life members. Present at this second meeting were Horace Binney, David Landreth, Jr., William Davidson, George Pepper, Nicholas Biddle, Moses Brown, M.C. Cope, Thomas Astley, and Joshua Longstreth. It was not until 1835 that the first women were invited to meetings, with the expectation that they would provide a tempering influence on the unfortunate tendency of the gentlemen to use "strong language."

The First Flower Show

From the beginning it was customary for Society members to bring to meetings samples of particularly interesting plants or unusual fruits and flowers they had grown. On November 3, 1828, "upwards of forty specimens of beautiful plants and flowers, fifteen varieties of pears and apples, American grape wine and some fine cauliflower and broccoli" were on display. The following June, members' plants were exhibited to the public for the first time at Masonic Hall on Chestnut Street.

This is significant because it was the first public flower show held in America; furthermore, it was such a success that it became an annual event. Held each spring until 1832, it was moved to September that year to take advantage of the fruit harvest season. Philadelphia's fabled heat may also have been part of the reason for the move to fall shows. An article in *American Farmer* on June 10, 1831 chronicled the "splendid exhibition" that had taken place the previous week and noted that the temperature on the final day of the exhibit was "98 degrees in the shade."

Interest in tropical and semi-tropical flowering plants was high in those early years, and in 1829, the poinsettia was exhibited for the first time. Camellias were extraordinarily popular, with roses and dahlias close behind. Fruits, both native and imported varieties, were well represented in the exhibits. Most of the vegetables on display would be familiar to today's visitor. However, tomatoes, or "love apples," were conspicuously absent, since they were regarded with suspicion at the time. Asparagus was still a luxury and sweet corn was not mentioned in the records.

The Society's efforts to further horticultural knowledge were evident in these early meetings and shows. Members displayed new technology, tasted and commented on wine, and exchanged seeds and grafts, both from abroad and from other regions in this country. They propagated new plants, reported results and corresponded with European horticultural groups. At the 1836 exhibition, the Society introduced sugar beet seed to the U.S. and



Above and right: Vintage photographs from the 1942 Harvest Show, including a shot of Miss Victory Gardens.

PHS's lavish centennial celebration from 1927.



PHS by the Numbers

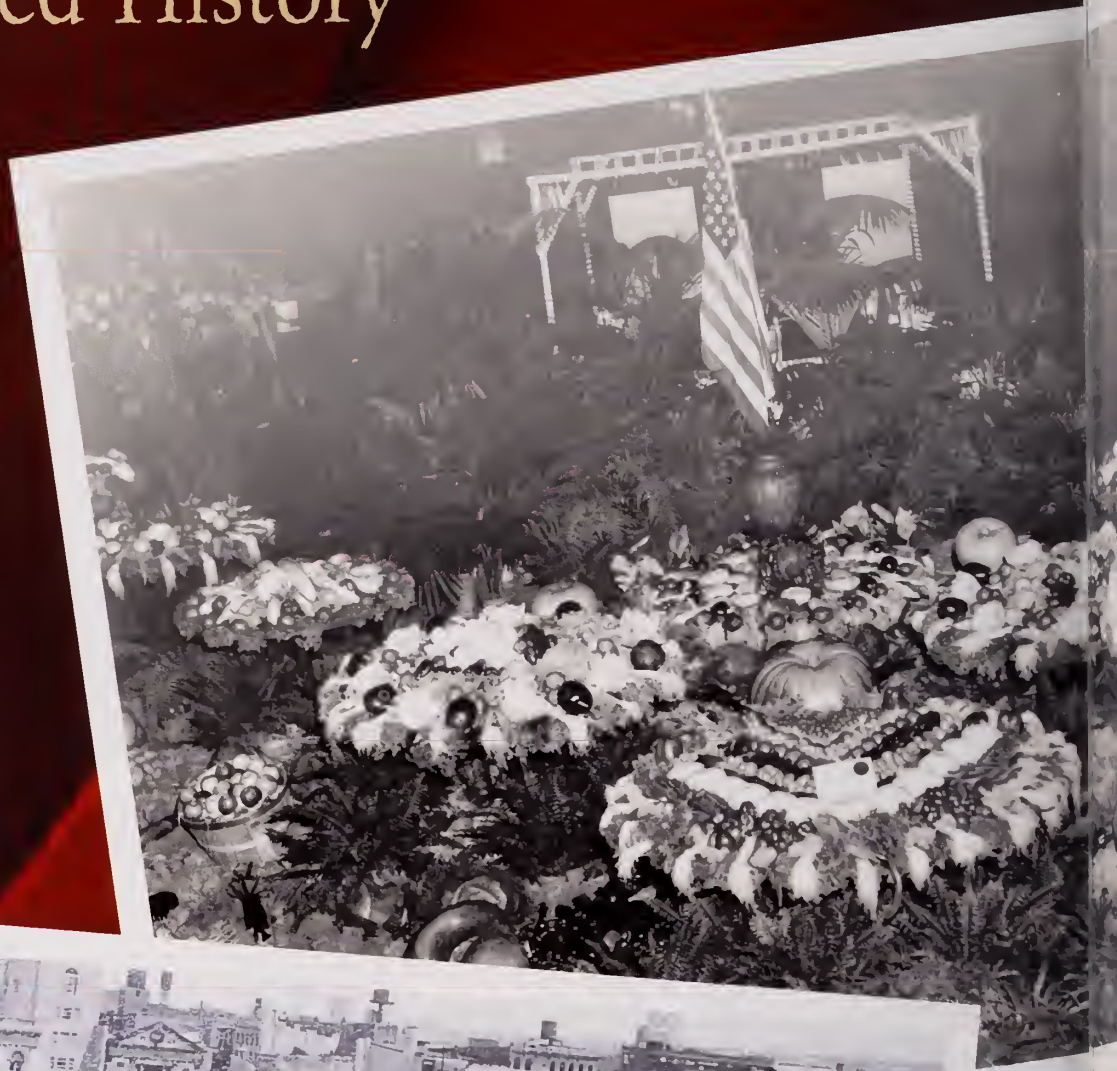
- Membership in 2002: 13,000
- Volunteers: 3,500
- Flower Show visitors in 2002: 270,000
- Number of organized community groups for whom Philadelphia Green provides technical assistance, education, supplies and encouragement: Over 800 groups
- Number of copies of Green Scene magazine printed each year: 90,000+
- Titles in the PHS McLean Library devoted to gardening and horticulture: 14,000
- Paid Staff: Over 100 strong





A Celebrated History

A Celebrated History



Right: Abundant vegetables decorate an exhibit by the Philadelphia Chapter of the National Association of Gardeners (also from the 1942 Harvest Show). **Below:** Pictures of the renovations next to the building on Walnut Street, which was PHS's headquarters from 1964 to 1996.





distributed it to members. The Society also solicited subscriptions to fund a prize for "the person who shall discover a remedy to protect fruit trees against destructive insects."

A Time for Renewal

Periods of war were times of decline for the Society. This was first evident during the years leading up to and including the Civil War. Membership, always problematical, declined as interest faded under lackluster leadership. There was a "lack of strict adherence to the By-Laws." Then in 1867, the fortuitous election of a new president, William L. Schaffer, brought firm leadership and a period of renewed energy and commitment.

Schaffer wisely emphasized building the Society's membership. Realizing the potential contribution of women, he appointed a women's committee to campaign for new members. When he died in 1884, PHS was in much better shape. In addition to all its other activities, by the close of the century the Society began hosting a series of horticultural lectures by distinguished speakers, a tradition that extends to the present day. Also of significance is the fact that his sister, Elizabeth Schaffer, gave PHS its first "planned gift" in his memory. In 1886, she paid off the $75,000 mortgage on Horticultural Hall at the corner of Broad & Lardner Streets and gave it to the Society for its use in perpetuity.

Growing Pains

As the world greeted a new century, the Pennsylvania Horticultural Society experienced some additional problems. Schaffer's legacy did not last long. The second of two fires gutted Horticultural Hall in May of 1893, and the bank balance dipped to $26.25. By 1890, practical leadership was provided by the secretary, who was guided largely by whatever discussions took place at monthly meetings.

Meanwhile, membership dropped significantly, especially among enthusiastic amateurs. Commercial or professional horticultural interests dominated the proceedings. The years spanning World War I found the Society's fortunes in decline.

The Boyd Years

When James Boyd became president in 1919, he was determined to turn things around. He reached out to amateur gardeners through an alliance with the Flower Show Association of the Main Line, spurring the change to an entirely amateur organization and a growing membership. The new president and an Executive Council, newly endowed with executive powers, presided over the proper installation of the library—shelving and cataloging books and adding a convenient reading room. Eventually there would be a circulating collection.

In 1923 Boyd formed a committee that proposed activities such as competitive flower shows and "pilgrimages to attractive scenes" to help boost membership. Area garden clubs became active participants and competed for prizes in annual exhibitions held at Memorial Hall in Fairmount Park. In 1921 splendid orchid displays by Mr. and Mrs. Fitz Eugene Dixon and Joseph E. Widener won rave notices, and John Wanamaker won the gold medal for a new or rare foliage plant.

Also around this time, Garden Tours were inaugurated, as members of the Society opened their gardens to other members on specified days in the spring. The Society also made *Horticulture* magazine available to its members. (It would not be until 1972 that PHS would have its own magazine, *Green Scene*.) Another important venture was to cooperate with the Florists' Club and others in 1925 to establish a Philadelphia Flower Show at the Commercial Museum at 34th & Spruce Streets. It featured mostly professional displays, because few amateur members of the Society were able to grow flowers under glass for a spring show.

A Celebrated History

Into the Modern Era

Strong leadership again propelled PHS into a period of renewal and expansion. Aware that an organization is only as strong as its membership, C. Frederick Stout, elected president in 1929, steadily built membership to 4,000 by 1941. After another low point during World War II, membership reached 5,000 by 1950 under the leadership of Stout and secretary John C. Wister. By the halfway mark of the twentieth century, the Pennsylvania Horticultural Society was poised to move into its most productive and influential era.

The Society has always drawn its strength from the dedication and talent of its member volunteers. Ernesta D. Ballard had long been enormously active in PHS, and her combined administrative and horticultural experience made her the perfect choice for executive secretary in 1963. She became the first paid president of PHS when that position was created in 1973.

Paramount on the long list of Ballard's accomplishments is wresting control of the spring Flower Show from its professional and commercial management. She jumped at the opportunity to run the Show elsewhere when construction interrupted the regular schedule of Philadelphia Flower Show Inc., effectively establishing PHS as the manager of the Show after 1966.

In 1970, Ballard inaugurated the Flower Show Preview Dinner, raising funds for PHS's increasingly ambitious program of civic horticulture that was later christened Philadelphia Green. Beginning in 1974 as the Community Vegetable Garden Program, its goal was to encourage neighborhood groups to grow vegetables on vacant lots and plant window boxes. By 1980, Philadelphia Green helped residents to green and beautify entire neighborhoods around the city with food and flower gardens, and blocks with street trees and sidewalk containers.

PHS Today

The leadership of Jane Pepper, beginning in 1981, marked the arrival of the Pennsylvania Horticultural Society at the forefront of civic horticulture and onto the national stage. During her tenure, the growth and influence of the Society has surpassed anything that the founders of PHS could have envisioned. Of special note is the 1996 migration of the Flower Show to the downtown Pennsylvania Convention Center where, along with Show designer Ed Lindemann, she helped turned it into "the world's largest indoor flower show."

The Pennsylvania Horticultural Society is once again renewing itself. Building on its enormous success with the Philadelphia Flower Show and Philadelphia Green, the Society has positioned itself to respond to 21st-century horticultural and community concerns. As it collaborates with federal, state and city agencies to address the problem of vacant land in Philadelphia, the Society is still promoting the "highly instructive and interesting science" of horticulture—the mission that first attracted our original members 175 years ago.

A former high school American history teacher, garden writer Liz Ball enjoyed this opportunity to combine her interest in history with her love of gardening. In addition to her weekly newspaper column, she is the author of numerous articles and books on yard and garden care. Her latest book, Pennsylvania Gardener's Guide, was recently published by Cool Springs Press.



Gale Nurseries Proudly Announces Their Most Recent Recognition

CLASSICAL AMERICA

PRESENTS

THE ARTHUR ROSS AWARD

TO

CHARLES H. GALE, JR.

For gardens around Philadelphia

PRESENTED BY

Her Royal Highness Princess Michael of Kent

Gale Nurseries Inc.







Gale Nurseries has been designing and building exquisite, award-winning garden dreamscapes for three generations. And our garden projects are as diverse as your dreams that inspire them:

- Period gardens that relate to architecture and personalities
- Natural, native plantings that create quiet, inviting areas
- Contemporary designs for a bold, exciting statement
- Older plantings refurbished, reworked and revitalized

A Design/Build company for Period, Native and Contemporary Gardens

Charles H. Gale Jr. B.S. Ornamental Horticulture

1716 School House Road, Box 264 • Gwynedd PA 19436 • 215.699.4714 • fax 215.699.3203 • chgale@comcast.net

Pieces of

Photography by Pete Prown & John Gannon
Historical Research by Jane Alling

With 175 years under our collective belt, the Pennsylvania Horticultural Society has naturally accumulated a wealth of artifacts over the decades, many of them stored in the archives at our McLean Library. From medals to letters to antique documents written written in pen and ink, here are a few pieces of our past to savor.



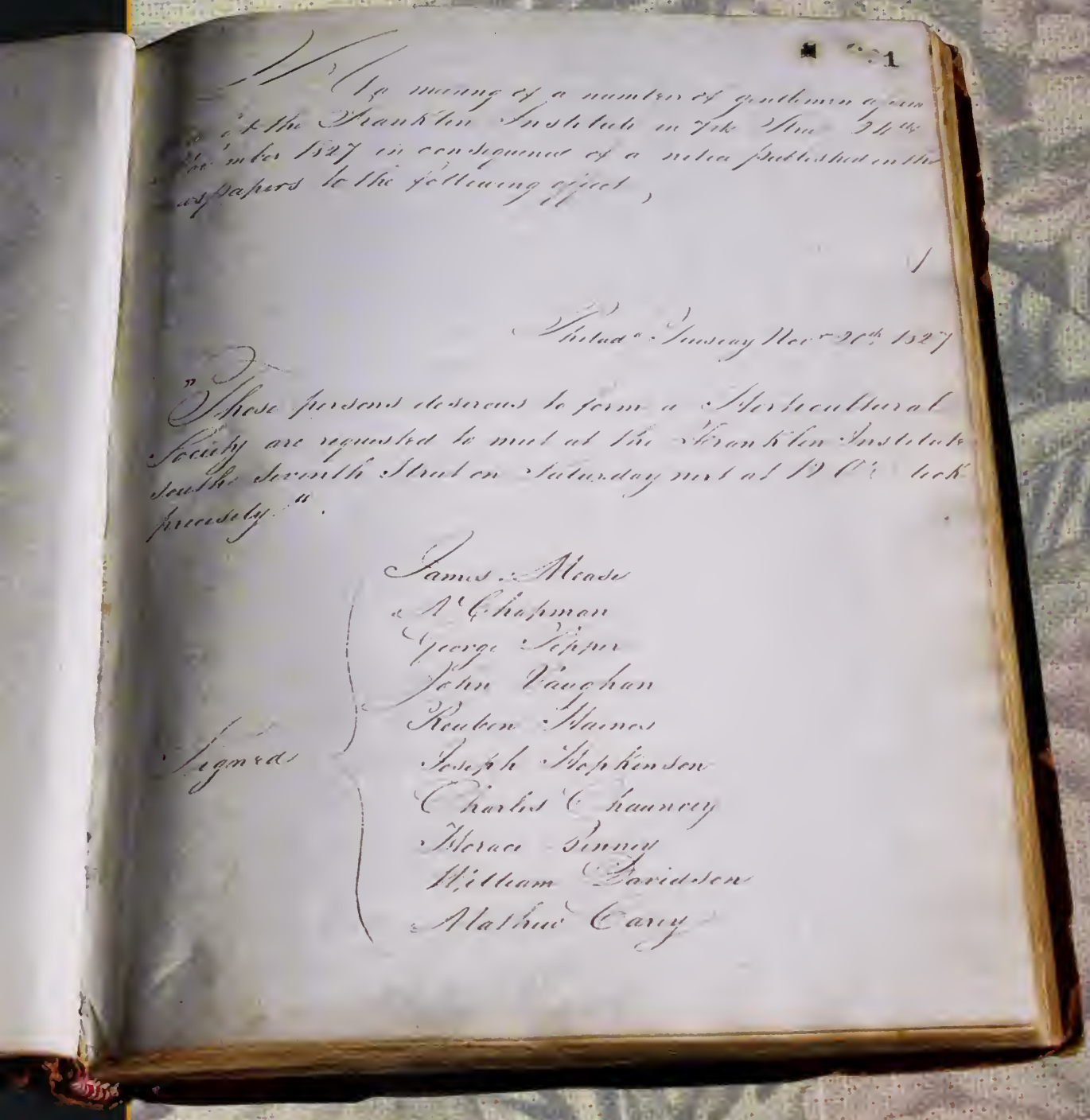
This sterling silver cup was awarded to a Flower Show entrant in 1841 for some exceptionally fine camellias. Ironically, the cup, which was recently donated to PHS, had been used by its last owner as a toothbrush holder.

Our Past



This charred subscription book was rescued from the flames during one of the dramatic fires at Horticultural Hall in the late 19th century.

Here's where it all began—on November 24th, 1827, a group of Philadelphia gentlemen gathered to form the Pennsylvania Horticultural Society. Here is the first page of minutes from that meeting, including the names of 10 of its earliest members.



1

A meeting of a number of gentlemen at the Franklin Institute on 24th November 1827 in consequence of a notice published in the newspapers to the following effect,

Philad.a Sunday Nov.r 24th 1827

"Those persons desirous to form a Horticultural Society are requested to meet at the Franklin Institute on the Seventh Street on Saturday next at 10 O'clock precisely."

Signed

James Meade
A. Chapman
George Sharp
John Vaughan
Reuben Haines
Joseph Stephenson
Charles Chauncey
Horace Binney
William Davidson
Mathew Carey



It was 1969 and, catching the hippie spirit in the air, this year's Flower Show poster was alive with bold Day-Glo colors.



Three medals from the PHS archive (l-r): Schaffer Memorial medal, Centenary medal, and the Apollo XIV medallion (replica).

Pieces of Our Past



THE WHITE HOUSE

May 4, 1970

Dear Mr. Ballard:

You and the members of The Pennsylvania Horticultural Society were ever so kind to favor me with the copy of Henry Savage's Lost Heritage. I am most grateful to each and every one who had a part in remembering me with this volume on a subject of such vital concern.

I do hope all of you enjoyed a memorable visit to Washington.

With deep appreciation for your special thoughtfulness and with best wishes,

Sincerely,

Patricia Nixon

Mr. Ernesto D. Ballard
Director
The Pennsylvania Horticultural Society
325 Walnut Street
Philadelphia, Pennsylvania 19106

La Secretaire Privee
de S.A.S. la Princesse Grace
de Monaco

Paris, September 28, 1978.

Dear Sir,

Her Serene Highneas Princeas Grace would like to enter a one-year subscription to "The Green Scene" published by your Society.

She would appreciate receiving it by air mail at the Palais Princier, Principality of Monaco. Would you therefore bill Her at the same address.

Thanking you in anticipation for your kind attention in this matter, I am,

Sincerely yours,

Louisette Levy-Soussan

The Pennsylvania Horticultural
Society

Famous letters from famous ladies: above is a note of thanks from First Lady Patricia Nixon (addressed to "Mr. Ernesto" Ballard), while on the left is a letter from Princess Grace of Monaco—AKA Grace Kelly—requesting a subscription to *Green Scene* magazine.

distinctive. floral. design.



LeRoy's
FLOWERS

16 N. York Rd
Hatboro PA 19040
215-674-0450

PHS membership card honored

Visit us on the web at www.leroysflowers.com

Touring the Gardens of Europe
with Lucas & Randall

Discover Europe's finest gardens and a rich variety of cultural and historic sites. First-class touring at a civilized pace with a small group. A unique and memorable experience.

Villas and Gardens of Italy
England's Garden Heritage
Châteaux and Gardens of France
Treasures and Gardens of Spain
Holland in Springtime

Please call for a brochure
800•505•2505
www.lucasandrandall.com



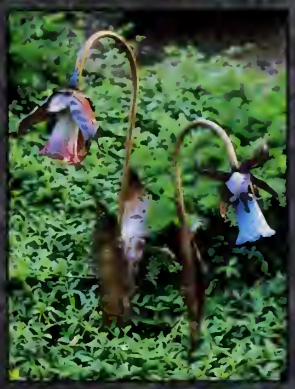
Your garden is your sanctuary...
come to Mostardi's
for distinctive plants,
expertise and inspiration.

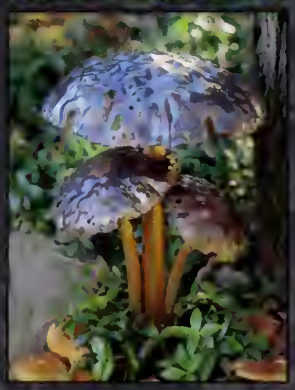
MOSTARDI
NURSERY
4033 West Chester Pike (Route 3) Newtown Square, PA 19073
610.356.8035
www.mostardi.com



Old World Craftsmanship
New World Technology







Distinctive illumination for your garden.
Call for more information and our free catalog.
1-800-856-7948
Escort Lighting
51 North Elm Street
Wernersville, PA 19565
Fax: 610-670-5170



Remembering the Flower Show's "Big Move"

by Jane Carroll

When Ed Lindemann got the official word that the 1996 Philadelphia Flower Show would be held at the newly built Pennsylvania Convention Center at 12th & Arch Streets in downtown Philadelphia, he knew he had a real challenge on his hands.

"The Show had been in the Civic Center [in West Philadelphia] for 30 years," says Lindemann, Flower Show designer and director, "and everyone was comfortable with it—the staff, the exhibitors, and the visitors." Construction of the new Convention Center wasn't even complete when Lindemann began planning the 1996 Show. He and PHS president Jane Pepper toured the unfinished building in hard hats, trying to imagine filling the cavernous, 10-acre space with floral displays. "It was like having a new job," he recalls.

"A number of issues immediately came up,"

Opposite page: McNaughton Nurseries 1996 Philadelphia Flower Show exhibit.
Below: Setting up at the 1996 Flower Show.



Walter Chandoha

Lindemann says. "We'd be in Center City, and that conjured up images of traffic jams and logistical nightmares. There was almost double the amount of exhibition space to fill. There was no central food-service area. It all seemed pretty daunting. But we all just looked at each other and said, 'We can make it work; we just have to figure out how.'"

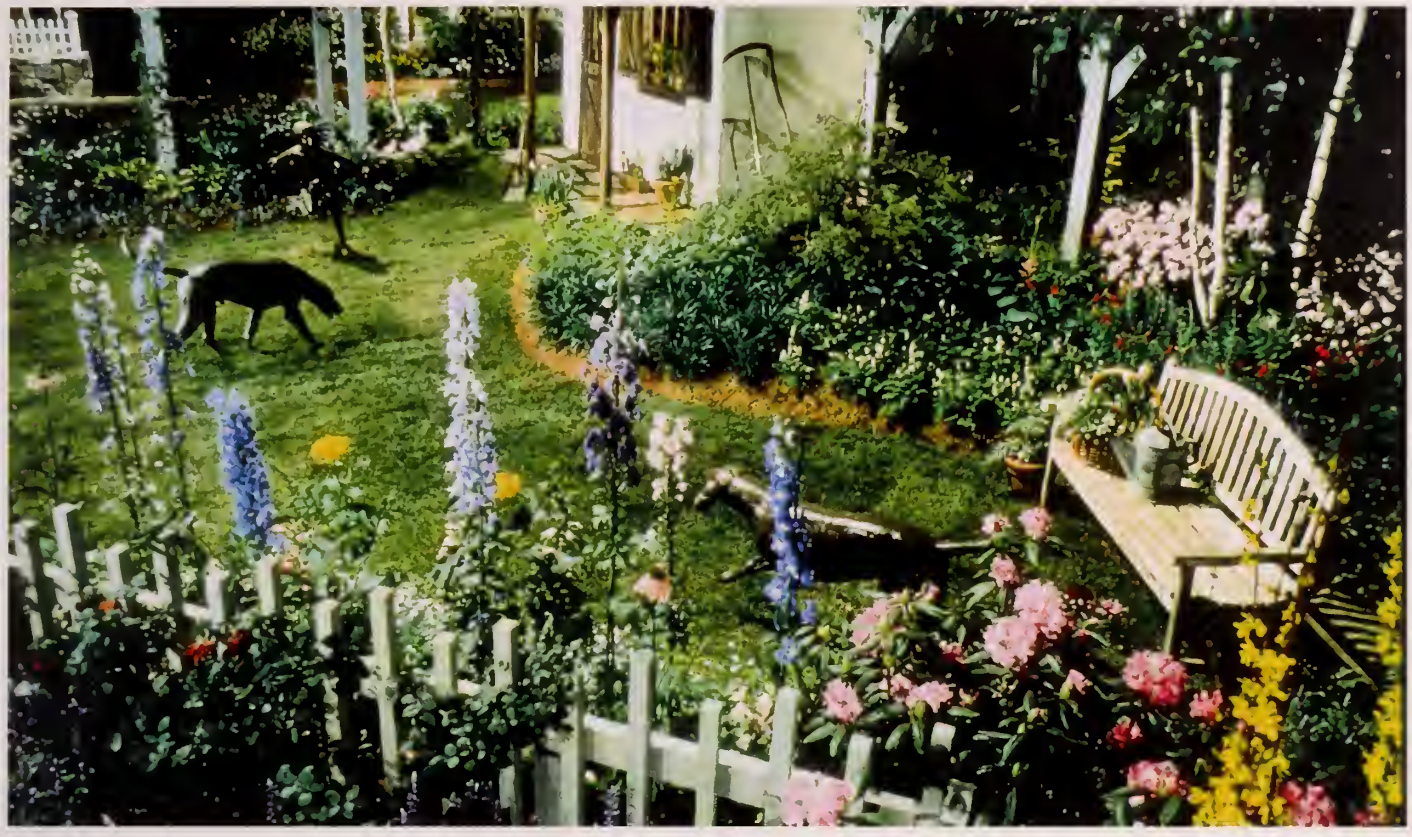
"Ed was a great cheerleader for us all," says Jane Pepper. "His optimism carried the day."

Like many longtime exhibitors, Bruce Robertson, of Robertson's in Chestnut Hill, also recalls feeling some trepidation about the move. "For so long we thought about how our exhibit would look to people coming down the escalator at the Civic Center, taking in the view from above," he says. "Now, their first look would be from ground level."

At the same time, Robertson found the new environment exciting. "The Convention Center is everything they said it would be and more," he says. "The high ceilings created a whole new set of creative possibilities. Logistically, it's easier to move things in and out—the old place had only one loading door—and there is more workspace and better traffic flow for visitors."

Opposite page: J. Cugliotta Landscape/Nursery 1996, "Simple Things". **Below:** J. Franklin Styer Nurseries 1996, "This Sand is Your Sand."

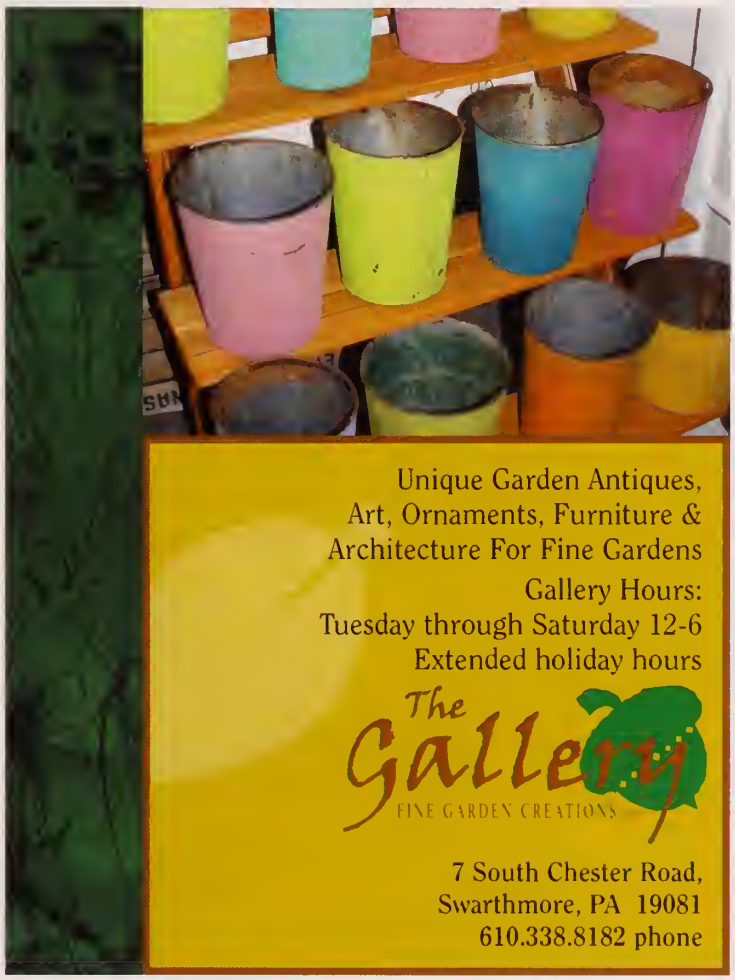




Sandy Young, who was chair of Competitive Classes that year, had the job of keeping everything running smoothly—and keeping everyone calm—when hundreds of amateur exhibitors brought their entries to the new location. "Most people were really excited about the new venue," she recalls. "We had no problem filling the classes." Still, that first year, there were a few snafus.

"When we were trying to set up the artistic classes," Sandy remembers, "we couldn't find the boxes for the 'niche' entries [flower arrangements]. We searched all over the huge Convention Center—no easy feat—and finally realized that the horticulture displays had been set up using the niche boxes as bases. Most people had gone home, but a few of us stayed until 10:30 that night re-staging the whole thing. Somehow we got everybody through it." She adds, "As I recall, there were lots of last-minute trips to Home Depot that year."

With the Convention Center's 30-foot ceilings, just lighting the Show was a challenge in itself, and Lindemann admits that the '96 Show was a bit dark. "People said it was a beautiful Show—too bad you couldn't see it," he laughs. "Thankfully, we've



"ED was a GREAT CHEERLEADER for us all," says Jane Pepper. "His OPTIMISM carried the day."



Ira Beckoff

learned a lot since then."

In addition to the big increase in exhibition space, the new Convention Center included numerous meeting rooms and areas beyond the Show floor that had to be filled. So Lisa Stephano, the Society's public relations and marketing director, began brainstorming. "Over the course of the following few years, we added the culinary events, the Afternoon Teas, and the book shop, which have become very popular," she recalls. "We were also able to expand the offering of the lectures and demonstrations that have always been part of the Show. And people do take advantage of them. Our surveys show that most visitors now spend about five to six hours at the Show as opposed to two or three in the old days."

What about the traffic nightmares of Center City? "It actually works much better," says Lindemann. "I met with the Philadelphia Police Department, and they offered to help in any way they could. They created a plan for out-of-town buses that has worked beautifully. We also assembled group of volunteers—who jokingly call themselves the "Grumpy Old Men"— who meet the buses and help direct visitors to the Show. They're out there in all kinds of weather, and do a great job of making people feel welcome.

"And when the connection between the Market East train station and the Convention Center was complete, that was a beautiful thing, too. It meant that people could easily take the train to the Show without even going outside. About a third of our visitors arrive this way now."

The move to downtown created new possibilities for tourism, too. Former Mayor Ed Rendell knew that the Flower Show downtown could create a buzz of excitement for Center City. "He was really the first to envision a citywide festival built around the Show," Stephano notes.

"Flower Show Week" has since become an annual rite of spring. Restaurants create Flower Show menus and offer discounts, and hotels and airlines provide special trav-

Your Trees Deserve the Best of Care!



All Phases of Tree Care: Residential and Commercial

Maintenance Pruning • Prescription Fertilization
Plant Health Care Programs • Insect & Disease Management
Tree Support Systems • Lightning Protection

For a FREE consultation call **1-877-BARTLETT** (227-8538)
or contact your local office:

Bala Cynwyd, PA	(610) 664-3200
Cherry Hill, NJ	(856) 662-3767
Dublin, PA	(215) 249-1819
Exton, PA	(610) 594-4740
Wilmington, DE	(302) 995-7562

BARTLETT®

BARTLETT TREE EXPERTS

Scientific Tree Care Since 1907

www.bartlett.com

"Flower Show Week"
has since become an
ANNUAL RITE OF SPRING.

el packages for out-of-town visitors. Many shops compete for prizes in the "Phlower Power" window display contest. "One year, one store clothed their window manikins entirely in Flower Show posters," Stephano recalls.

All of this activity has indeed been a boon for the city. Hotels alone do a booming business. About 27,000 Flower Show now stay at least one night in Philadelphia, as opposed to about 8,000 when the Show was held at the Civic Center. Some restaurants report a 100% increase in business during Flower Show Week. Notes Jane Pepper, "We estimate that the total economic impact on the city is now around $27 million a year—one of the highest amounts for any single event."

"It's really a lot of fun for us to be in the heart of downtown," Lindemann declares. "Some of the exhibitors get just as excited about eating lunch at the Reading Terminal Market all week as they do about anything else," he jokes. "But seriously, it feels great to be part of something that the whole city embraces."

Adds Stephano, "For those nine days in March, it's a wonderful thing to walk through Philadelphia and see flowers everywhere."

Lamsback Floral Decorators 1996, "And the Winner Is...".





Waterloo Gardens
...Naturally!

Waterloo Gardens...

- Distinctive Holiday Decorations
- Exquisite Gifts
- Waterloo-grown Poinsettias
- Custom Decorated Wreaths
- Top Quality Fresh Greens
- Spectacular Services & Events
- Professional Decorating Services
- Unique Corporate Gifts
- And Much More!

Does it Best for the Holidays!



Discover the unique and unforgettable shopping experience at Waterloo Gardens

For information regarding Preferred Customer Club benefits, visit us @ waterloogardens.com

DEVON: 136 Lancaster Ave., 610.293.0800 • Exton: 200 N. Whitford Rd., 610.363.0800

SOWING THE SEEDS OF





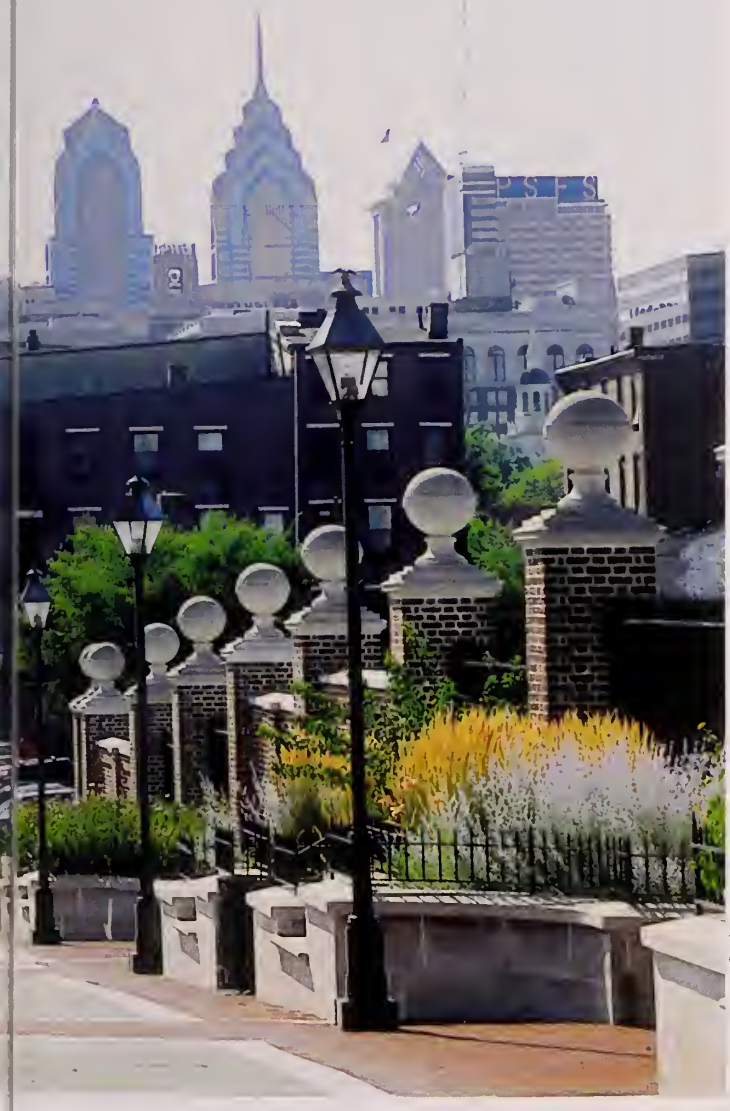
Above: Walnut Street Pedestrian Bridge

Right: For the 2002 edition of the annual "Fall for Your Park" event, over 400 people—many of whom represented other community parks across the city—helped spruce up Stenton Park at 17th & Courtland Streets.

CHANGE

The Story of Philadelphia Green

by John Gannon



Photos this page: John Gannon

In 1974, the Pennsylvania Horticultural Society planted the first seeds of what would become its urban greening program, Philadelphia Green. Using proceeds from the Philadelphia Flower Show, the Society partnered with the Philadelphia Department of Recreation to help neighbors build 10 vegetable gardens on vacant lots. Thanks to the commitment of the community, the gardens were an immediate success. "We weren't looking to change the world," reflects Blaine Bonham, Philadelphia Green's first director and now PHS executive vice president. "Our aim was quite modest. We wanted to help people grow food on these lots. We simply believed in horticulture and what it could do for the soul of the individual and the community."

Over the next few years, the Society helped create 35 gardens each year on sites scattered throughout Philadelphia's struggling communities. The program's official incarnation as Philadelphia Green came in 1978, when the city's Office of Housing & Community Development began directing federal funds to inner-city neighborhoods through PHS, allowing it to greatly expand its community outreach initiatives.

As Philadelphia Green developed in the 1980s, it shifted from a "scattered site" approach to more concentrated efforts in a handful of "target" neighborhoods. With the significant support of local foundations like the Pew Charitable Trusts and the William Penn Foundation, Philadelphia Green created the "Greene Countrie Towne" project (a name inspired by city founder William Penn) to aid eight low-income communities.

In North Philadelphia's Norris Square neighborhood, leader Iris Brown observes, "Through community gardening, things started to change. If a person planted a tree, then another wanted to plant one. It was contagious." Today, the residents of Norris Square continue to use gardening as a way to nurture their community. "We use the gardens to teach children about their heritage and instill ethnic pride," Brown says of this mostly Puerto Rican area. "We cultivate more than gardens—we foster hope."

The Greene Countrie Towne project, which continued for about 12 years, illustrated that greening could be used as a tool for urban revitalization, a practice that would be developed on several fronts in the 1990s. Philadelphia Green began working with community development corporations (CDCs), helping them incorporate greening and open space planning into new housing developments. For example, in 1996 Philadelphia Green collaborated with Asociación de Puertorriqueños en Marcha







Photos this page: J. Blaine Bonham, Margaret Funderberg and Pete Prown

Top Left: In the 1970s, the "Gardenmobile" was used to deliver plants and soil to aspiring city gardeners. Its motto? "Bringing People and Plants Together."

Top Right: One of Philadelphia Green's early efforts was this community vegetable garden in the city's Chinatown neighborhood, circa 1976.

Left: Before and after cleanup, a reclaimed site in the American Street Empowerment Zone at 2nd Street & Cecil B. Moore Avenue.

Below: The Philadelphia Museum of Art's East Courtyard.





"We use the gardens to teach children about their heritage," says Iris Brown of her mostly Puerto Rican neighborhood. "We cultivate more than gardens—we foster hope."

in North Philadelphia, bringing thoughtfully designed green space into their new housing and commercial developments. Staff also worked at the community level, helping neighbors transform vacant lots into vegetable gardens and small sitting parks.

Also in the early 1990s, Philadelphia Green again joined forces with the city's Department of Recreation, this time to address neighborhood parks that had become crime-ridden eyesores in communities drained by decades of blight. The aim was to engage the community to organize and take back what were once cherished gathering places. From a modest start assisting three parks and their volunteer "friends" groups, Philadelphia Green's Parks Revitalization Project today has helped over 40 park groups build stronger organizations and acquire the horticultural know-how to keep their parks beautiful for years to come. "Today, there's not only new life in parks across the city, but an encouraging sense that everybody's hard work is really making a difference," reflects Philadelphia Green's Joan Reilly.

Philadelphia Green also expanded its scope to include the rehabilitation of prominent public landscapes in the city's downtown area and at its entryways, or "gateways." In partnership with the Fairmount Park Commission and the Philadelphia Museum of Art, Philadelphia Green managed the renovation of the Museum's grounds. It also cleared and landscaped what had been derelict railroad easements along JFK Boulevard near 30th Street Station. A heavily traveled roadway between the airport and downtown (the 26th Street Gateway) was also transformed from an unsightly industrial corridor to a verdant parkway of trees, shrubs, ornamental grasses and flowering perennials.

In perhaps the program's most ambitious undertaking to date, Philadelphia Green began to tackle the city's overwhelming problem of abandoned land—in part a result of decades of population loss and the decline of industry in the 1950s. Working with the New Kensington Community Development Corporation in 1995, Philadelphia Green helped develop an open space management system that continues to operate in the community. To date, over 50% of New Kensington's 1,100 lots have

(cont. on page 36)

One of many planting workshops offered by Philadelphia Green.

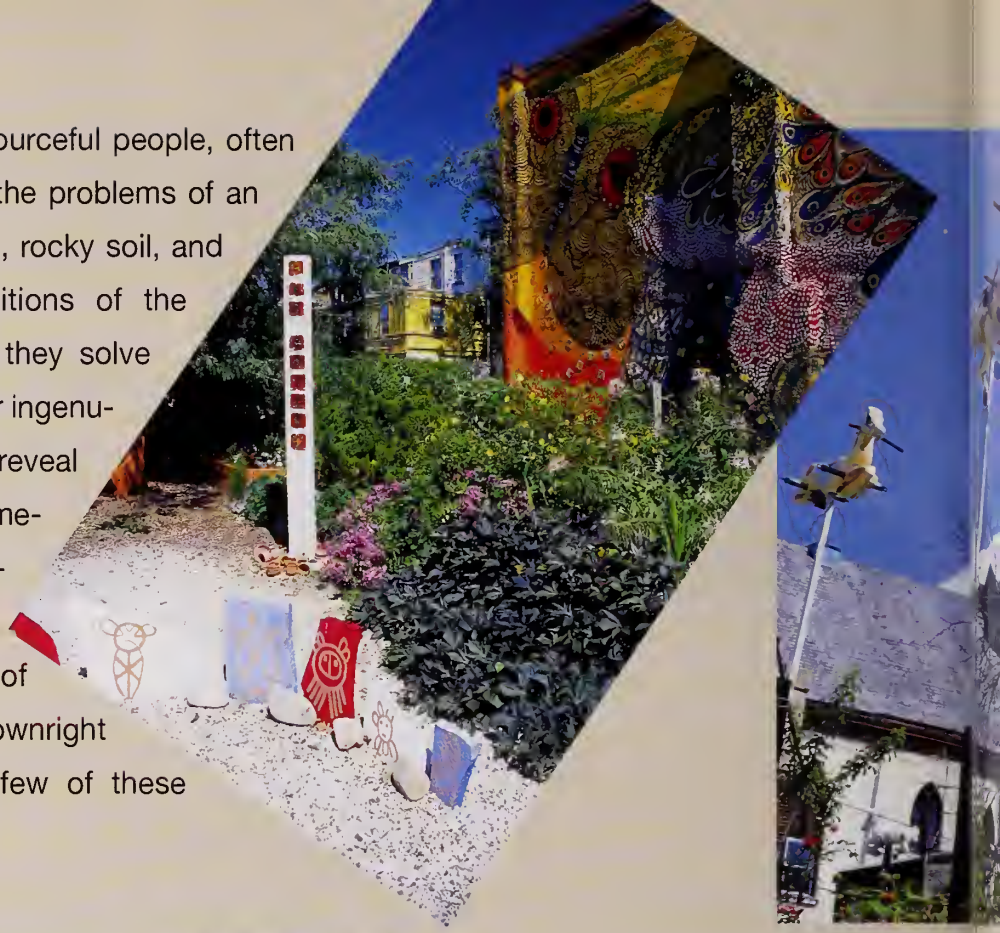


Shannon Nec

Creativity in the Urban Garden

By John Gannon

City gardeners are resourceful people, often having to work through the problems of an inadequate water source, rocky soil, and the overall harsh conditions of the urban environment. Yet they solve these problems, and their ingenuity often spills over to reveal creative, artistic, and sometimes even comedic elements in their gardens. Let's take a look at some of the imaginative—and downright unusual—aspects of a few of these green spaces.

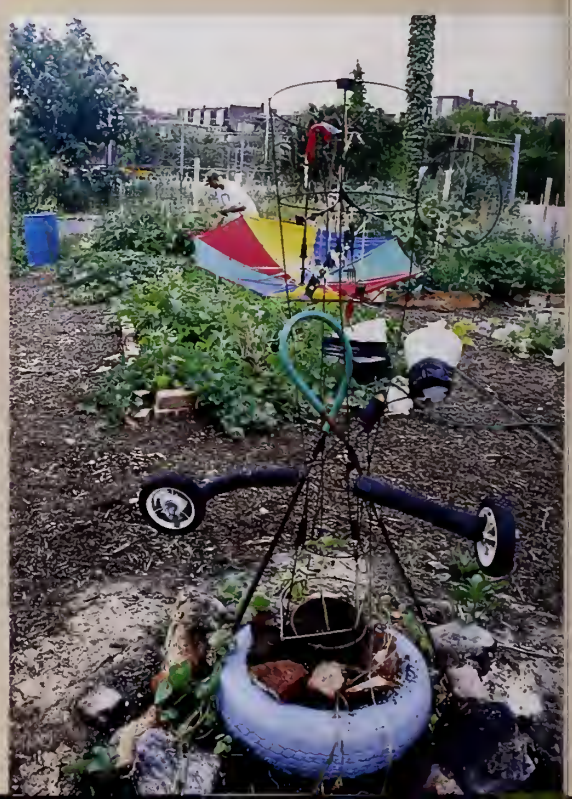


Photos on these pages by: Ira Beckoff, Eileen Gallagher and John Gannon



Above: El Batey in the Norris Square neighborhood reflects the strong Puerto Rican roots of this North Philadelphia community. In the foreground are stones painted with symbols indicative of Puerto Rico's native Taino Indians. The mural, entitled "Butterflies of the Caribbean," was done by Cuban artist Salvador Gonzalez through an arrangement with the Philadelphia Department of Recreation's Mural Arts Program.

Above: The Village of Arts and Humanities, led by Lily Yeh (profiled in the August 2000 issue), is a non-profit community-based organization that uses art to revitalize its host neighborhood in the vicinity of 10th & Germantown Avenue. Its gardens and open spaces feature dynamic mosaics, murals, and sculptures.



Right: Artist Maya Gat, of the Rising Phoenix Creative Collaboration, made this sculpture at the Lots of Love community garden in West Philadelphia. She named it "Harold." (For all of you movie buffs out there—a "Maude" may also be in the works.) Harold is made up entirely of found objects from the block, and was created with the help of Maya's fellow gardeners. He sits in a fire-pit to prevent it from misuse.



Below: This funky ornate fence surrounds The Spring Gardens at 18th & Wallace Streets, a sprawling community garden that occupies about half of a city block, just north of Center City.



Below: Eileen Szewczak, a past winner in the Society's City Gardens Contest, created these wood-faced characters for her whimsical Roxborough garden.





Above: The Christian volunteer group, M-Fuge, helped to build "Colobo" (also known as the African Village) across the street from the Las Parcelas community garden in Norris Square.

Left: The garden of Esquilin Marcelino (Palethorpe & Dauphin Streets) defies any sort of category. A variety of carnival horse statues have been thrust far above, creating a fantastical, utterly bizarre, yet strangely appealing sight that brings new meaning to the term, "height in the garden."

Gale Nurseries Inc.

Gale Nurseries has been designing and building exquisite, award winning garden dreamscapes for three generations and is now pleased to provide expert irrigation services.

Our irrigation designers are seasoned horticulturists who have the knowledge to create plant specific watering zones. The result is conservation of water and energy, promotion of plant health, and ultimately, a beautiful garden.

A Design/Build company for Period, Native and Contemporary Gardens

Charles H. Gale Jr. B.S. Ornamental Horticulture
1716 School House Road, Box 264 • Gwynedd PA 19436
215.699.4714 • fax 215.699.3203 • chgale@comcast.net

been reclaimed, either as basic "clean and green" spaces (with plantings of grass and trees) or as "sideyards" transferred to adjacent homeowners. "All of this work has made a positive impact," says resident Lou John. "It gives people a sense of pride, it gives them encouragement, and it gives them hope for the neighborhood."

Building on the momentum in New Kensington, Philadelphia Green agreed in 2000 to manage a land reclamation project in the federally funded American Street Empowerment Zone. Working again with Asociación de Puertorriqueños en Marcha and three other community-based organizations, staff oversaw the "cleaning and greening" of 48 sites totaling 12 acres, making an impressive physical impact on the neighborhoods along the American Street corridor in North Philadelphia.

And just last year, Philadelphia Green began a new chapter, becoming a partner in Philadelphia's Neighborhood Transformation Initiative (NTI). As a part of NTI, the city has adopted PHS's Green City Strategy, which calls for using greening and open space as a vital component of urban revitalization. "As we move away from rebuilding at historic densities, the incorporation of green open space assumes a key place in the redevelopment of Philadelphia's communities," notes Michael Groman, director of Philadelphia Green.

Lastly, the common threads through Philadelphia Green's history are its education and training efforts, aimed at helping residents, neighborhood organizations, and city agencies to create long-lasting, successful greening projects. From helping aspiring gardeners create vibrant shared spaces to teaching neighbors how to care for street trees to raising the awareness of city departments about the importance of well designed and maintained landscapes, Philadelphia Green is bringing the value of greening and horticulture to the forefront of urban life. Ultimately, the lessons of the program's rich history will inform a new generation and contribute to the continued renaissance of Philadelphia.

John Gannon is the Research & Documentation Specialist at PHS.

A Step of Faith



Choosing a new community is a big step. At PresbyHomes & Services, your step of faith will be matched by one of our own. Our residential living, assisted living and healthcare services are grounded in a faith-based commitment to provide the highest quality of care to older adults of all backgrounds and faiths. It's a commitment backed by a half-century of service.

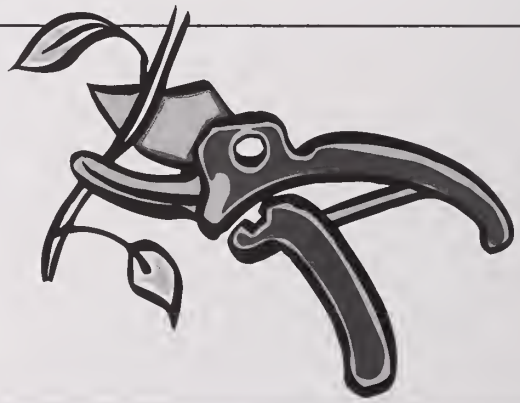
Call today, and experience the Presby difference.

PresbyHomes & Services

A ministry to older adults by the Presbytery of Philadelphia

Rydal Park · Rosemont Presbyterian Village · Broomall Presbyterian Village
Spring Mill Presbyterian Village · Emily A. Markle Health Center · HUD Communities

Tollfree: 1.877.9PRESBY www.presbyhomes.org



PRUNING PROBLEMS ?

Please visit my website for all your pruning questions at:

www.pruningmatters123.com

or fax your questions to me, Fran West at:

410-332-0270

I specialize in pruning shrubs and small trees.

C.S. Heal
FARM MARKET

- Growers of Premier Garden Plants including Annuals, Perennials, Proven Winners & Garden Dahlias.
- Propagators of Zonal Geraniums.
- New Guinea Impatiens
- Hanging Baskets
- Growers of Holiday & Garden Plants
- Combination Garden Baskets

Charles S Heal Jr. & Eric Heal

visit us on the web @
www.cshealmarket.com
1607 Salem Rd.
Burlington Twp. NJ
(609)386-9422 Fax: (609)386-9635
OPEN DAILY!
Mon.–Fri. 9–5:30, Sat. & Sun. 9–5

A Visit to Meadowbrook Farm

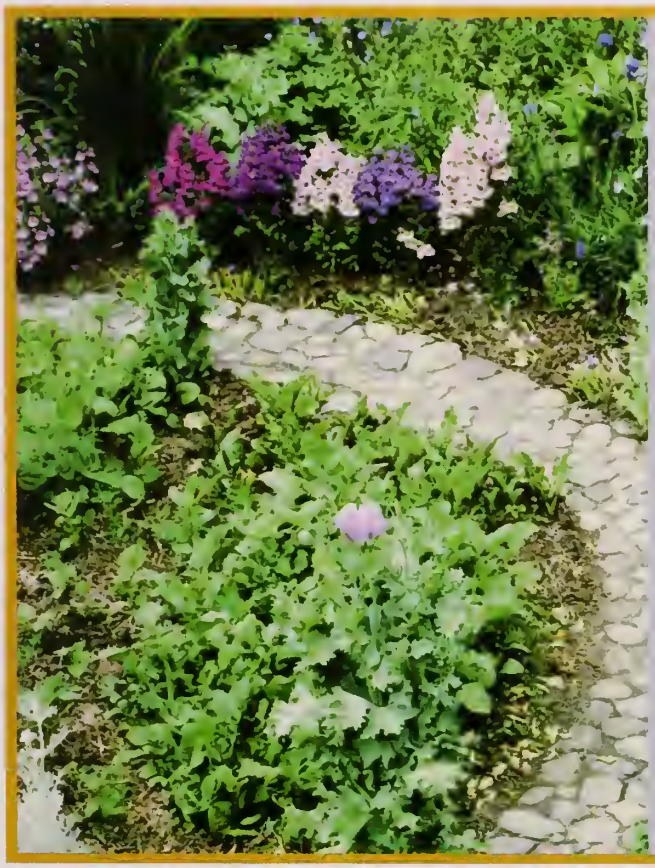
WILL DELIGHT YOUR SENSES!

An inspirational place for your home and garden...ask our experts for ideas! We offer Superior quality and an unusual selection of:



- Annuals & hanging baskets
- Trees & shrubs including Gold Medal Plants
- Perennials, native plants & alpines
- Begonias, cactus & succulents
- Statuary, fountains & decorative pots
- Garden related gifts including bonsai, troughs & topiary
- We offer tours for horticultural groups April-October. Call for more information
- 10% discount to PHS members

Meadowbrook Farm
1633 Washington Lane • Meadowbrook, PA 19046 • (215) 887-5900



PRIMEX
GARDEN CENTER
435 W. Glenside Avenue Glenside, PA 19038 215 887 7500

Bringing you the best in personal service and knowledge for over 50 years. Gardening enthusiasts and landscape professionals throughout the area have come to depend on Primex for an outstanding selection of horticultural products. Come find out why!

DESIGNING FOR SMALL SPACES

Restful Terraces

by Jeff Jabco

When designing their own outdoor space, most gardeners want to create at least one area as a relaxing space to drink a cup of coffee and read the newspaper in the morning, or to have dinner when the weather is pleasant and the gardening chores are finished for the day. A terrace or patio that is close to the kitchen door is the ideal location for this purpose. And by dividing a larger property into several smaller garden areas, the landscape has more interest, since it cannot all be absorbed in one view. Each area may be quite different in design and feeling from all the others. For a garden to feel calming and restful, it's important to think about enclosure, space and views when designing it.



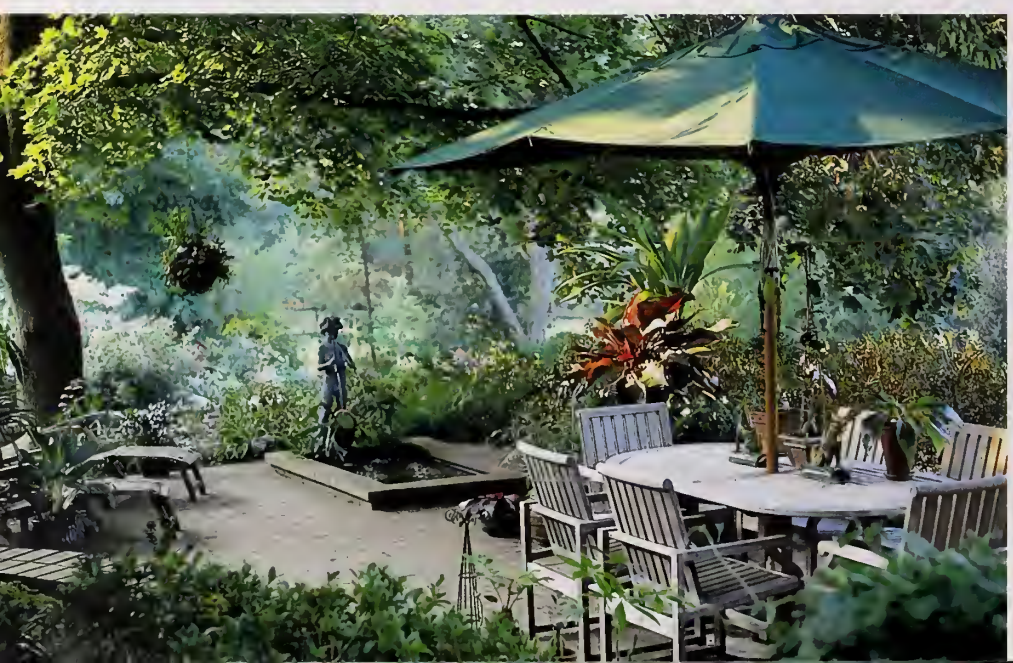
Eve and Per Thyrum in Wilmington, Delaware have done this quite successfully in their garden. Originally, when one entered the rear garden from the sunroom, a steep slope began just three feet from the doorway. Eve and Per decided they wanted an intimate and secluded terrace that would act as an entranceway into the rear garden from the house. Two existing maples helped frame the space, and, with some careful re-grading, the couple created a brick terrace that is 23 feet by 30 feet.

The terrace includes two ponds. One rectangular pond—complete with a fountain and fish—sits below the level of the brick "floor." The other pool is a natural, free-form fiberglass liner placed above a low brick retaining wall at the base of one of the large maples. This area feels woodsy and naturalistic, with the pool surrounded by ferns, mosses, boxwood, Japanese skimmia, epimediums, hellebores and hosta. The 20-inch-high brick retaining wall is the perfect height for comfortable seating.

The only other permanent plant on the terrace is a hedge of *Rhododendron* 'Dora Amateis', which Per is anxious to replace because it is beginning to block the view down the slope of the garden. The terrace, though, is full of an unusual variety of houseplants (over 50) that spend their summers here in the shade of the large trees. A teak dining table and chairs, and a couple of reclining chairs add to the welcoming feeling.

The terrace design concentrates on SPACE—with the feeling of enclosure—and DIRECTED VIEWS or vistas. Although the terrace is not enclosed by a fence or walls, it is backed up the by wall of the sunroom and kitchen and is enclosed by the low branches of the maple trees overhead. These branches provide a high ceiling that directs one's vision to the island beds in the rear landscape, as well as a clear view all the way down to the lowest corner of the property, where a gazebo and large pond draw one's eye.

Garden terraces may be tiny or generous, but to be successful they should convey the feeling of being surrounded by the garden, offering glimpses beyond that entice one to explore farther.



Photos by Jeff Jabco

Jeff Jabco is the director of grounds and coordinator of horticulture at the Scott Arboretum of Swarthmore College.



Perennial Pleasures

A garden-inspired shop







Wide range of gifts for all occasions ~ Elegant solutions for holiday decorating needs
Custom arrangements and wreaths ~ Furnishings and accessories for the inspired home and garden

312 Business Route 30 across from Exton Mall • Exton, PA 19341 • 610.594.6696 • Hours: Mon.-Tues. 10am - 6pm, Wed.-Sat. 10am - 8pm, Sun. Noon - 5pm

BEST of the MAIN LINE 2002 Main Line Today
Critics Choice for Best Home & Garden Accents

BEST of the MAIN LINE 2001 Main Line Today
Best Garden Accent Shop

FOXGLOVES

Give comfort & joy to the gardeners on your list.



7 great colors & now in BLACK

NEW! Comfort Grip Gloves

$25 plus shipping

1.888.322.4450
www.foxglovesgardengloves.com

McFARLAND
Tree & Landscape Services

Unprecedented Experience
Personal Service
Exceptional Quality

It's the McFarland Way!

Call today to schedule a free professional consultation to review your property.
215-844-TREE (8733) • 610-688-6644 • Fax: 215-438-1879
www.mcfarlandtree.com

HAND-CRAFTED WELDED IRON



SELECT FROM OUR POPULAR
LINE OF PRODUCTS OR LET US
CUSTOM DESIGN/BUILD TO CONFORM
TO YOUR SPECIFIC NEEDS

ARBORS
GATES
TRELLISES
ARCHWAYS
OBELISKS
TOWERS
PAVILIONS
PERGOLAS
BENCHES
FENCES
RAILS

The Painted Garden, Inc.
304 EDGE HILL ROAD
GLENSIDE, PA 19038
SHOWROOM BY APPOINTMENT
(215) 884-7378

Investing in our community generates positive returns.

The strength of our community lies in what all of us contribute to it. The people of PNC Advisors congratulate the Pennsylvania Horticultural Society for 175 years of tradition and inspiration through horticulture.

www.pncadvisors.com

PNCADVISORS



Congratulations
to
The
Pennsylvania
Horticultural Society
for
175 Years of Nonprofit
Service and Dedication
to Our Community
From
The Board of Directors,
Management and Residents
of
Cathedral Village
Retirement Community

Blossoms All Winter Long

GARDENING INDOORS

by Ilene Sternberg

Considering the hot, droughty year we had, the end of the outdoor gardening season was actually a relief. If you summered your houseplants outside and brought them in before temperatures fell below 50°F to prevent leaf drop, washed behind their ears to ensure no hitchhiking pests were aboard, and grouped them according to light exposure and moisture preferences, then you're ready to garden all winter with—finally—some climate control.

Lucky souls with a greenhouse or posh conservatory already have a leg up (which is actually a very uncomfortable position in which to garden). The rest of us peasants can still surround ourselves with flowers and greenery inside our cozy living quarters. Houseplants that bloom from October through March are especially welcome, and many do.

Schlumbergera hybrids (Thanksgiving and Christmas cacti), for instance, are ubiquitous during the holiday season. Even more foolproof is the Winter Rose series of poinsettias, which flower unfalteringly for so long that you'll find yourself secretly hoping they die. Shortly after, cyclamen begin appearing everywhere. Sniff each of the small white, pink, or magenta cultivars when choosing. Some are surprisingly fragrant, while others are scentless. Kalanchoes are easy for beginners and people who seldom remember to water.

Each voluptuous blossom of the night-blooming cereus *Epiphyllum oxypetalum* opens only for one night once a year, usually in early fall, but oh, what a night! It's traditional to throw a party to watch the bud(s) unfold.



Ilene Sternberg is an award-winning freelance writer who pens a gardening column for *The News Journal* in Wilmington, Delaware.



Ilene Sternberg

An easy-to-grow form of passionflower, *Passiflora violacea* (a.k.a. *P. amethystina*), puts out lavender stars, their maroon eyes fringed with white eyelashes, continuously and prolifically through the year. Beneath a south-facing window in my house, it reaches behind curtains, up the étagère, circling the chandelier, into the....well, you get the picture.

Thunbergia grandiflora is another vigorous vine. Its flowers are luscious sky-blue flaring trumpets, while *T. mysorensis* sends out long chains of yellow and red blossoms, totally un-thunbergia-like. Great for greenhouse culture, it needs an armature to display its charms.

Ruellia makoyana, an undemanding plant for an eastern exposure, is especially nice in hanging baskets. Foliage is velvety deep olive—almost black—with silver veining and maroon undersides. Vibrant magenta flowers add a striking contrast.

But flamboyant, lurid, somewhat kitschy, the Elvis of inflorescence to brighten those bleak, cold days is the tropical hibiscus, diverse as daylilies. Can you possibly out-flash a fiery red-and-white pinwheel named 'Dragon's Breath'? Or a 10-inch saucer-shaped flower of mauve petals edged yellow, pink and cream with white starburst veining at the heart called 'Silver Memories' (pictured above)? There's even a khaki colored one dubbed 'Pond Scum'!

Have a Maui moment every time a hibiscus unfurls on your south-facing sill. With year-long intermittent bloom, they require only lots of water and admiration. A very florific cultivar, 'Arnottianus,' a modest 6-inch single white flower with a hot pink pistil, has the bonus of sweet fragrance, rare for hibiscus.

Many begonias, hoyas, bromeliads, orchids, primroses, and bulbs of all kinds bloom in winter. If you specifically choose houseplants that do, you can indeed have flowers all year long. And just think—there's no drought restriction against setting up sprinklers in your living room, if you're so inclined.

SOURCES

Fancy Hibiscus
(800) 432-8332
www.fancyhibiscus.com

Logee's Greenhouses
(888) 330-8038
www.logees.com

R-P Nurseries
(610) 444-1116
649 Unionville Rd.
Kennett Square, PA

WINTER CHILLS THRILLS

by Bill Thomas

Keeping the garden colorful is quite a challenge during the winter months. Yet, even as the asters fade, shrubs like winterberry hollies and fall-blooming witchhazels continue the exuberance of the previous season.

Pictured below (top), winterberry *(Ilex verticillata)* offers a wide range of cultivars. Female selections produce fruit in colors ranging from scarlet to orange to yellow. For me, Gold Medal awardee 'Winter Red' is the best because its scarlet berries stay colorful throughout the winter. It hangs on to its leaves into early December, but unless you are like Longwood Gardens and want leafless branches by Thanksgiving, this plant is close to perfect. Last November, after spending a couple of hours plucking leaves for Longwood's indoor Christmas show, I checked our shrub trails to find a cultivar that had already dropped its leaves. 'Maryland Beauty' was nude but for its berries (but was berry-less by the end of January).



Pete Prown

'Red Sprite' is the shortest of the winterberries. While many cultivars reach 6 to 10 feet in height, 'Red Sprite' is a more manageable 4 feet. I have a large plant of 'Winter Red' occupying about 9 x 9 feet of my perennial border. I wanted to repeat its color, but did not want to steal too much space from the perennials, so I plan to add a couple of 'Red Sprite'. They will take up less space and won't block views from my windows. A ground cover of evergreen *Sarcococca* (sweet box) sets off the winter color. In summer, winterberry is a medium green. Surrounding it with perennials and training a morning glory over the top adds additional color.

Female winterberries need a male companion to produce fruit. The boys lack fruit and significant flowers, so keep the studs out of view. Bees carry the pollen, so one male within a couple of hundred feet will keep three or four females happy.



Bill Thomas

Pictured at left, fall-blooming witchhazel *(Hamamelis virginiana)* is a native eclipsed in popularity by its more famous spring-flowering cousins. When other plants are shutting down for winter, this shrub celebrates the waning warmth with a profusion of flowers. However, not all fall-blooming witchhazels are created equal, and cultivars do not yet exist. An ideal witchhazel has bright yellow fall color with clear yellow flowers opening as the leaves drop. My ideal selection also completely drops its leaves and has long petals. Until this dream comes true, shop for the plant in late October and select a specimen that comes close.

At home, I've borrowed Winterthur's idea of planting witchhazel with purple-fruited beautyberry *(Callicarpa dichotoma)*. The purple-yellow combination is a winner, and the beautyberry is short enough to tuck under the tips of the witchhazel branches. *C. bodinieri* 'Profusion' is taller (to 6 feet) and makes a more equal companion to the big witchhazel (reaching 9 to 12 feet tall and up to 10 feet wide).

For full winter enjoyment, plant these shrubs within view of windows and bring cut branches inside. Use this as an opportunity for pruning, interior decoration, and a chance to thumb your nose at the cold.

SOURCES

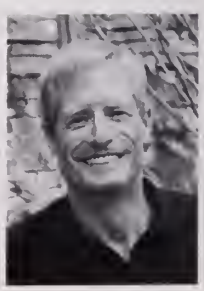
Witchhazels and winterberries are available from:

Forestfarm
(541) 846-7269
www.forestfarm.com

Winterberry cultivars are available from:

Fairweather Gardens
(856) 451-6261
www.fairweathergardens.com

Bill Thomas is research horticulturist at Longwood Gardens. He gardens in Kennett Square, PA.



THE FINER THINGS IN LIFECARE.



- 100% and 50% recoverable entrance fee plans.
- Over 200 apartments and villas.
- Assisted Living and Skilled Nursing
- Fitness Center, Pool, Dining Options and many other services and amenities.

Waverly Heights is a nationally accredited Continuing Care Retirement Community located in a lovely residential setting on the Philadelphia Main Line. Call us for information or a personal tour.

610-645-8764 · www.waverlyheightsltd.org

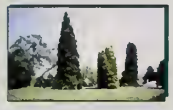
WAVERLY HEIGHTS

1400 Waverly Road, Gladwyne, PA 19035-1296

THUJA X 'GREEN GIANT'

Replacement Tree for New England's Dying Hemlocks









- New US National Arboretum plant
- Pennsylvania Gold Medal Plant Award 1998
- Tough, Fragrant, Tall, Narrow Pyramidal Evergreen
- Deer, Bagworm & Disease Resistant
- Fast Growing, 3' - 5'/Year
- Zone 5-8
- Excellent Alternative To Leyland Cypress
- We Ship All Year

The abave pictures were taken at the US Natianal Arbaretum in Washingtan D.C. in August af 2001. When planted in the fall af 1998, they were 3 feet tall and planted an 6 1/2 foot centers. They grew 3 feet the first year (1999), and are naw 10 ta 12 feet tall. It can be trimmed ta any height ar width ta create the ultimate natural ar farmal hedge.

"The Thuja Green Giants are the taugh-est, disease, insect, deer and ice resistant evergreen I have ever used. I am 6' tall with a 6' arm span, sa yau can see the height ta width ratia af these trees."

- Mike Shade

Valley Forge American Elm

- The Most D.E.D (Dutch Elm Disease) Resistant American Elm Ever Tested
- New U.S.D.A Release
- No Secrets or Patents
- Anyone Can Easily Propagate, Grow or Resell this Great American Tree
- We Give a 15 Year D.E.D. Guarantee



www.botanyshop.com

Many pictures on our web site!

Plants 7in. - 2ft. tall, $3.00 to $20.00 each

Botany Shop - Joplin, Missouri

PHONE: (888) 855-3300

www.botanyshop.com

PHILADELPHIA HOUSEPLANT WHOLESALERS

CHRISTMAS 2002

THE LARGEST SELECTION OF TREES IN CENTER CITY

CHOOSE FROM THOUSANDS

Fraser Fir 5' to 15'
Douglas Fir 5' to 15'
Balsam Fir 5' to 15'



WATCH FOR THE OPENING OF OUR N. BROAD ST. SUPERSTORE!

WREATHS & ROPING
POINSETTIAS

WHOLESALE PRICES

HEALTHY HOUSEPLANTS AT WHOLESALE PRICES

OVER 5000 PLANTS IN STOCK AT ALL TIMES

FROM 6" POTS FOR THE WINDOWSILL TO 15' TALL SPECIMENS

PLANT RENTALS
COMMERCIAL - RESIDENTIAL

1233 BAINBRIDGE STREET
ONE BLOCK OFF S. BROAD
OPEN 7 DAYS

215-545-5044

Classifieds

ANTIQUE BOOKS

RARE & PREVIOUSLY OWNED BOOKS ON HORTICULTURE & BOTANICAL PRINTS - Bought and Sold
Polly Goldstein
37 Lochwood Ln.
West Chester, PA 19380
(610) 436-9796
E-mail: *GrannyPol@aol.com*

DEER FENCING

Protect your valuable plants from Deer damage, and your family from Lyme Disease.
Call Creative Landscapes at 610-565-9910

GARDEN SHOPS

MARANO GARDENS, LLC
(formerly Fort Washington Garden Mart)
A family owned garden center serving area since 1960, offering an extensive selection of plants and containers.
• Beautiful hanging baskets, mixed garden containers.
• Dwarf conifers and alpine troughs.
• Culinary and medicinal herbs.
• Cutting edge annuals, tropicals and perennials, including the **Beds & Borders** line.
• Ornamental trees and shrubs, emphasizing native varieties and PHS Gold Medal winners.
MARANO GARDENS, LLC
488 Bethlehem Pike
Ft. Washington, PA 19034
215-646-3336
Minutes north of Chestnut Hill, or 4 miles from the Blue Route.

BONSELL'S NURSERY
Growers of high quality trees, shrubs, and perennials.
• Large Selection.
• Reasonable Prices.
• PHS Gold Medal Plants.
Conveniently located near 309 & the PA turnpike.
Open by appointment for winter months.
1245 Fort Washington Ave.
Fort Washington, PA
215-643-2418

GARDEN STRUCTURES

HERITAGE STONE & MARBLE
We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.
FLAGSTONE, BRICK-patios and walkways, COBBLESTONE-edging and paving, STONE walls, RETAINING walls, MARBLE, GRANITE-floors, walls, countertops.
(215) 699-5611 **Upper Gwynedd, Pa.**

GREENHOUSE CONSTRUCTION
Sales and Service
Janco, Lord & Burnham and more.
Call Robert J. LaRouche at
Glass Enclosures Unlimited
(610) 687-2444

THE SUNWORKS CORPORATION
• Greenhouse Sales: Residential, Commercial and Institutional.
• Installations: Of greenhouses from any manufacturer, shading and ventilation systems.
• Maintenance: Reglazing, reskinning, painting, cleaning. Emergency repairs.
Call **(302) 655-5772**, ask for John Klein

LANDSCAPE DESIGN

S. Edgar David and Associates
Landscape Architects
Site Planning / Garden Design

Transforming the landscape with creative solutions

610-584-5941

Burke Brothers
Landscape Contractors, Inc.
A PROFESSIONAL DESIGN/BUILD FIRM
Experts in Landscape Renovation, Naturalistic and Classic Formal Gardens. Landscape Construction, Unique Patios, Terraces, Creative Stone Work, and Landscape Lighting. Major Award Winning Exhibitor Philadelphia Flower Show.
610.520.2025 215.887.1773
www.burkebrothers.com

LINDA CORSON
LANDSCAPE DESIGN

•Consulting
•Plans
•Supervision

Registered Landscape Architect
Member ASLA **215-247-5619**

Environmental Landscape Associates, Inc.
• Landscape Architects & Contractors
• Formal/Period/Naturalistic Gardens
• Creating outdoor living spaces of distinction
• Master Plans/Phased projects
• Let us make your desires become reality
P.O. Box 2191 Doylestown, PA 18901
Toll Free: 1-800-ELA-9252

David Brothers Landscape Services
Bean Road Nursery
Architects, Builders and Nurserymen
Providing the Fine Art of Garden Construction
and Landscape Restoration
(215) 247-2992 **(610) 584-1550** **(610) 525-3232**

DONALD PELL GARDEN SERVICES
Creating & maintaining gardens with expert horticultural craftsmanship.
View our portfolio of landscape designs online at www.donaldpell.com or call 610.917.1385 for a brochure and consultation.

LANDSCAPE MAINTENANCE

ANDREW C. BECK
LANDSCAPE MAINTENANCE

A Dependable Source for All Your Landscape Needs.

Serving CHESTNUT HILL & MONTGOMERY COUNTY

- Lawn Mowing
- Garden Care, Mulching, Planting
- Tree & Shrub Pruning
- Organic Fertilization & Aeration
- Spring & Fall Clean up
- Property Management

Insured **215-233-9401** References

MAHER DESIGNS INCORPORATED
Specializing in comprehensive estate maintenance and custom masonry along Philadelphia's Main Line. View our portfolio at www.maherdesigns.com
or call **610.278.9668**

LARGE SPECIMEN HOLLIES

BEAUTIFUL CHRISTMAS TREES
Cut When You Come
Apples - Cider - Home Made Preserves -
Pies Baked To Order
Indian Orchards, Media PA
610-565-8387

MULCH

PINE NEEDLE MULCH
Won't change soil pH
Wholesale and retail
FLOWERS BY THE YARD
610-701-9283
renee52@erols.com

DISTINCTIVE MINIATURE ROSES

Over 100 varieties of hardy, easy to grow miniature roses in an exciting variety of colors. Lavenders, oranges, apricots and exotic bi-colors will provide years of pleasure in your garden or in containers. Free color catalog.

Nor'East Miniature Roses, Inc.
P.O. Box 307
Rowley, MA 01969
Secure online ordering @
www.noreast-miniroses.com

OVERSEAS TOURS

SPAIN!!
Hike/Cycle 2003
March 17 - 26 April 22 - 30 May 19 - 27
Mediterranean Plants, Breathtaking Scenery,
Small Group, Hospitable Environment
800-649-9970; 215-735-7869
WWW.CYCLESPANA.COM

PeonyLand

LOCATED IN UPPER BUCKS COUNTY



The largest Chinese peony garden in North America. Offering premium Chinese tree and herbaceous peonies.

P.O. Box 910
475 Church Road
Richlandtown, PA 18955
Phone: 215-536-9388 • Fax: 215-529-7128

www.peonyland.com

ANLA member • Wholesale and Distributors Welcome.

RESTORATION

REED'S WOODS, INC.
QUALITY WORK AT A FAIR PRICE
Custom Builder
Restorations, Remodeling
Greenhouses
Springhouse Restorations
Decks, Carpentry & Landscape Structures
Jamie Reed
2125 Bodine Road
Malvern, PA 19355
(610) 827-9663

STAINED GLASS

Victorian Language of Flowers
Stained Glass Suncatchers
Visit:*www.lfitzpatrickstudio.com*

TREE SERVICE

TREE TRANSFERS, INC.
Large Tree Transplanting and Sales
Machine and Specialized Hand Digging
Dealers and Locators of Large Horticultural Specimens
Mature Screening and Shade Trees
Assessing and Renovating Mature Collection and Estate Gardens
Plant Material Purchased
(215) 635-2310

Tree Transplanting & Sales
• Machine & hand digging
• Supply & install specimen plants
• Locate/Purchase mature trees
• Why Wait for mother nature?
Environmental Landscape Associates, Inc.
P.O. Box 2191 Doylestown, PA 18901
Toll Free: 1-800-ELA-9252

UNUSUAL SPECIMENS

RARE & UNUSUAL PLANTS
• Specimen plants • Pond plants • Bonsai
• Orchids • Hardy cacti • Tropicals
• Sculptured trees and shrubs • Perennials
• Unique Flower and gift shop.
MUTSCHLERS' FLORIST & RARE PLANTS
1-800-242-9438
www.mutschlers.com

A Note to "Mom"

by Jane G. Pepper, President, The Pennsylvania Horticultural Society

We call her "Mom," but to the rest of the world she's a woman of amazing talents, extraordinary dedication and enormous commitment. I first met Ernesta Ballard in the mid-'70s, when I was a horticulture student. To me, Ernesta was already a legend and my goal at the time was to figure out how to work at PHS when I finished my studies. How lucky I felt that evening to meet Ernesta and her late husband Fred over dinner in Chadds Ford. Poor Fred—he had to sit next to me and have me bombard him with questions about Ernesta, my horticultural heroine.

When I came to work at PHS in 1979, I was able to witness what others already knew. In the 16 years that Ernesta had led PHS, she had changed the Society from a quiet, low profile organization that struggled financially to one that pulsed with excitement and opportunities. If you were interested in horticulture, PHS was the place to be.

Early in her tenure as PHS's executive director, Ernesta seized the reins of the Philadelphia Flower Show from Philadelphia Flower Show, Inc., a not-for-profit association of nurserymen and growers. It was 1964 and the old Commercial Museum was about to be torn down to be replaced by the Philadelphia Civic Center. Officials from PFS Inc. said they would not hold a flower show for a couple of years. "Ridiculous," said Ernesta, "If you let them relax for two winters, you will never get those exhibitors back for another Show."

With resolve, Ernesta ran a show in the 23rd Street Armory in 1965 with 33,000 attendees and another, the next year, in the lower level of the Philadelphia Civic Center. In 1966, the Pennsylvania Horticultural Society became the official producer of the Philadelphia Flower Show. Ten years later, attendance was 276,000 and the Show was recognized as the best indoor flower show in North America.

With the Flower Show under control and the Society's finances in robust shape, Ernesta set out to conquer new frontiers. First, she launched *Green Scene*, under the capable leadership of editor Jean Byrne. Her next challenge was to start a community greening program to invest the monies raised through the Show in Philadelphia. It was a modest operation at first, with two staff members, a truck, and lots of flyers and enthusiasm. In Philadelphia's low-income communities, PHS discovered an enormous desire for help in establishing gardens on long-abandoned lots and for planting street trees and window boxes where there was no space for a garden. Today, Philadelphia Green is known throughout the country as the nation's most ambitious and far-reaching city greening program.

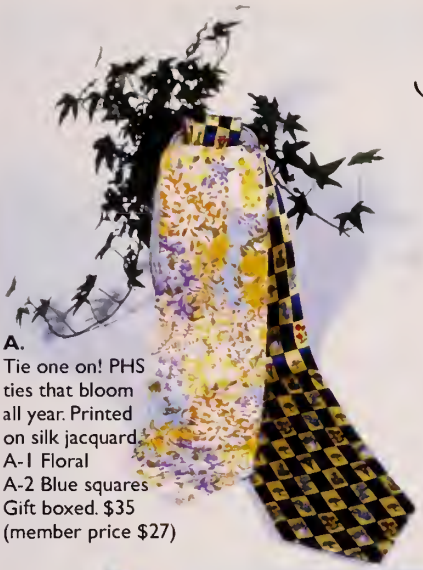
In her tenure as executive secretary and later president, Ernesta transformed PHS and laid the foundations for the Philadelphia Flower Show and Philadelphia Green, two programs that have brought pleasure and satisfaction to staff, volunteers and thousands of Philadelphia visitors and residents. Another of Ernesta's enormous contributions to PHS was the hiring of two other people who (out of her earshot) also call her "Mom." Ed Lindemann, hired by Ernesta in 1972, has since 1980 been our Flower Show designer. Blaine Bonham, now PHS's executive vice president, shares much of the credit with Ernesta for the success of Philadelphia Green. Like me, they recognize not only the important role "Mom" played in our lives, but also the foundations she laid, upon which we have built in the 21 years since she left PHS.

Ernesta—we are proud of your accomplishments since you left PHS, notably as Commissioner of Fairmount Park and as the driving force behind the restoration of the Logan Square fountain and the Water Works. But we are most proud of the legacy you left for all your "kids" on the staff and as volunteers at the Pennsylvania Horticultural Society.



Ernesta and Lady Bird Johnson at the 1966 Flower Show.

Shoppe by Mail



A.
Tie one on! PHS ties that bloom all year. Printed on silk jacquard.
A-1 Floral
A-2 Blue squares
Gift boxed. $35
(member price $27)

Proceeds from the sale of these products benefit The Pennsylvania Horticultural Society's programs, including Philadelphia Green, the nation's most comprehensive urban greening program.



B.
The flower garland scarf. 36" square, 100% silk satin. Cream ground, multi colours work with all apparel. Gift boxed. $68 (member price $60)



C.
Perfect accent! PHS oblong silk satin chiffon scarf with Victorian bouquets. Citron green, 58" x 11" Gift boxed. $30 (member price $27)



D.
Celebrate with us! PHS 175th Anniversary commemorative plate. 10" cream with gold. Gift boxed. $35 incl. tax (member price $31.50)



E.
Café latté? PHS mural mug. 14 oz., ceramic. $13 incl. tax (member price $11.70)

PHS Shoppe
Pennsylvania Horticultural Society

100 North 20th Street - 5th floor, Philadelphia, PA 19103-1495

To order by phone, call 215-988-1613 • To order by fax: 215-988-8783

Name _____ Address _____

City _____ State _____ Zip _____ Phone (day) _____

Member ID# _____

Email _____

PAYMENT INFORMATION

❒ Check or money order, payable to PHS

❒ Visa ❒ Mastercard

Card # _____

Exp. Date _____/_____

Cardholder Name _____

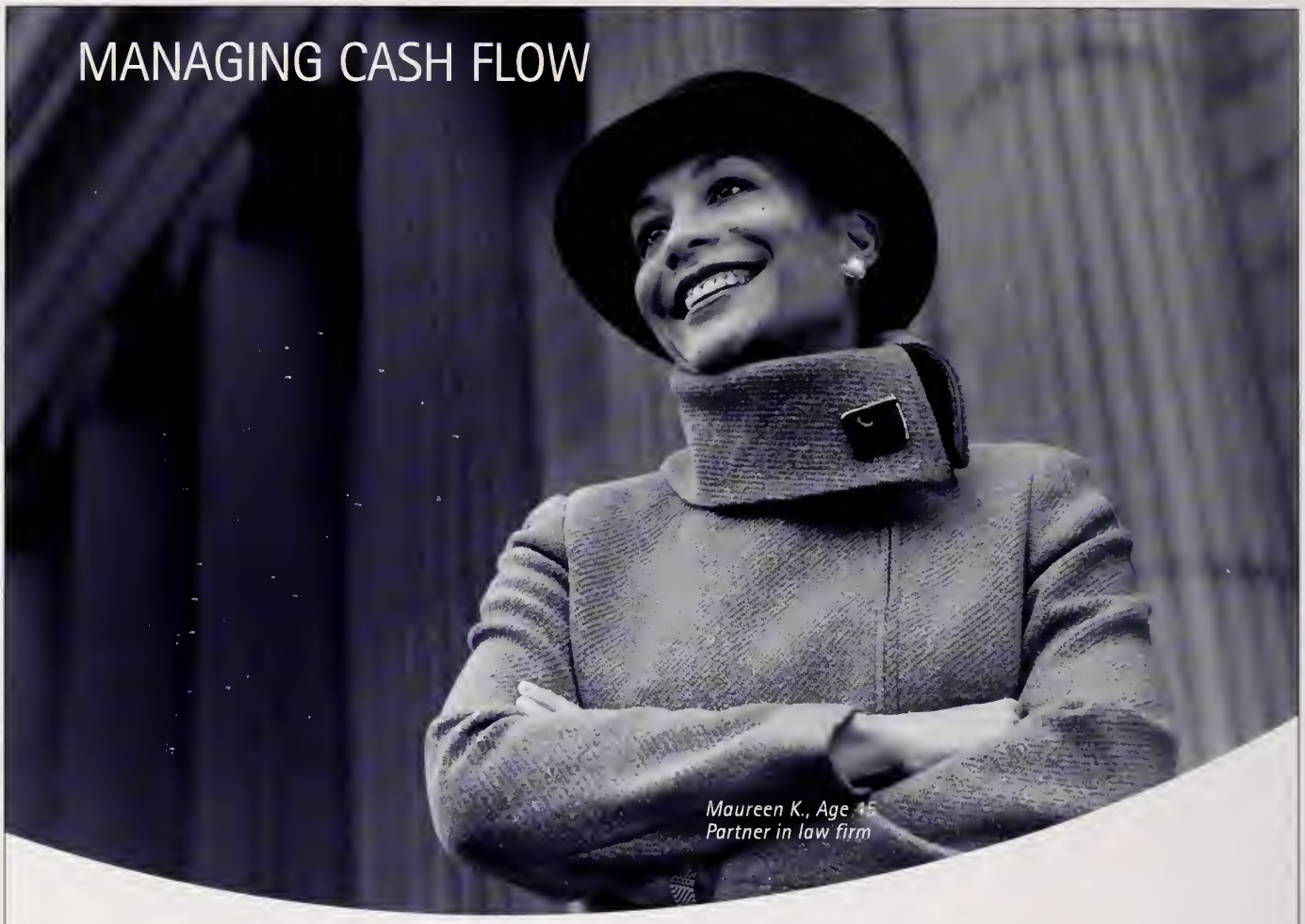
Signature _____

Thank you for your support of PHS!

Item #	Quantity	Item Description	Item Price	Total

Shipping/Handling		
Up to $25	$5	
$25.01-$35	$6	
$35.01-$50	$7	
$50.01-$75	$9	
$75.01-$100	$10	
$100.01-$150	$12	
over $150	10% of sale	

Total Merchandise	
Standard Shipping *(see chart to left)*	
Fed Ex - call for charge Additional Shipping Charges	
Total	



THE DIFFERENCE BETWEEN SUCCESS AND WEALTH? IT COULD BE THE UNIQUE THINKING OF PNC ADVISORS.

As one of the largest wealth managers in the country, we are particularly adept at addressing the specialized needs of successful women professionals to enhance and preserve wealth. Local experts, who live and work where you do, deliver wealth management solutions that are customized to your unique situation.

Call 215-585-5438 today for more information about PNC Advisors' Women's Financial Services Network or for a complimentary wealth management consultation.

PNC ADVISORS

Women's Financial Services Network

15995MF 705
06-09-03 193990 XL

The person pictured is for illustrative purposes only. PNC Advisors is a service mark of The PNC Financial Services Group, Inc., which is used in the provision of investment management, fiduciary and certain banking services by PNC Bank, N.A. and PNC Bank, Delaware. **Members FDIC**. PNC Advisors does not provide legal, tax or accounting advice.

Investments: Not FDIC Insured. No Bank Guarantee. May Lose Value.

www.pncadvisors.com

PENNSYLVANIA HORTICULTURAL SOCIETY
3 1827 00018580 0